

From: [Sepulveda, S. \(Sergio\)](#)
To: [Camilla Widenhofer](#)
Subject: RE: Technical Review - O1328 Nouryon Surface Chemistry LLC (Minor, 37460)
Date: Friday, January 24, 2025 10:22:25 AM
Attachments: [image001.png](#)
[General Process Description - Nouryon Houston Plant.pdf](#)
[OP-2 - \(Updated 1-13-25\).pdf](#)
[OP-SUMR \(Updated 1-13-25\).pdf](#)
[OP-PBRSUP \(1-13-25\).pdf](#)

Camilla,

Good morning !

Hope that the freeze didn't affect you and you are warm and cozy up there in Austin.

Please see the updated forms and general process description. Also please see below two comments after reviewing the draft permit.

1. FUG3,400B (9600 has not been removed as requested) Revision No. 6
2. T0167 (name has not been changed to "Blend Tank", as requested) Revision No. 37

Please let me know if you have questions or comments. If any of these forms need to be submitted through STEERS please let me know and I will do so.

Thank you !

Sergio E. Sepulveda
Environmental Manager
15200 Almeda Road
Houston, Texas 77053

T: (713) 434-4430
M: (713) 202-6599
E: sergio.sepulveda@nouryon.com



www.nouryon.com

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From: Camilla Widenhofer camilla.widenhofer@tceq.texas.gov
Sent: Monday, January 6, 2025 9:30 AM
To: Sepulveda, S. (Sergio) sergio.sepulveda@nouryon.com
Subject: Technical Review - O1328 Nouryon Surface Chemistry LLC (Minor, 37460)

You don't often get email from camilla.widenhofer@tceq.texas.gov. [Learn why this is important](#)

>>>>>>>>>> Be cautious of links and attachments <<<<<<<<<<<

I hope you are doing well. I have been assigned to the Federal Operating Permit (FOP) revision application of Permit No. O1328 for Nouryon Surface Chemistry Houston Plant. This application has been assigned Project No. 37460. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition to your review of the WDP, please address the following items:

- The Nouryon Surface Chemistry Houston Plant consists of several process units. In the A-300 process, elemental sulfur is reacted with oxygen to produce SO_2 in the sulfur burner. In the presence of a catalyst, SO_2 is converted to SO_3 by reacting SO_2 with O_2 . SO_3 is then used to sulfonate dodecyl benzene or other organic compounds to produce sulfonic acid.*

The end products are surfactants, which are typically used in oil field, household and industrial cleaning, and agricultural applications.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail

require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Happy New Year!

Sincerely,

-Camilla

Camilla Widenhofer
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Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR

[Table 1](#)

Date	Permit No.	Regulated Entity No.
1/13/2025	O-01328	100219393

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	3	K-4/5 DRUMOFF	OP-2	K-400/500 Drumoff		106.472/09/04/2000	
D	4	FUGA,300B	OP-2	K400, K500 Fugitives		562	
A	5	R-400A	OP-UA15	Reactor Caustic Scrubber		563	
D	7	FUGR3,400	OP-2	R300, R400 Fugitives		563, 9600	
D	9	R-3/4 L/O RACK	OP-2	R-300/400 Tank Truck Loading Rack		563, 9600	
D	10	R-300 DRUMOFF	OP-2	R-300 Drumoff		563	
D	16	R-400 DRUMOFF	OP-2	R-400 Drumoff		9600, §106.472/09/04/2000, §106.473/09/04/2000	
D	17	R-400FUG	OP-2	Fugitives		9600	
D	18	K-301	OP-2	Kettle K-301 Scrubber		80481	
D	27	T0012	OP-2	Tank		106.472/03/14/1997	
D	35	T0120	OP-2	Recycled MEOH		106.472/03/14/1997, 106.473/03/14/1997	
D	36	T0121	OP-2	Recycled MEOH		106.472/03/14/1997, 106.473/03/14/1997	
D	38	T0171	OP-2	K201 Blowdown Tank Process Vent		106.261/11/01/2003, 106.262/11/01/2003	
D	45	T0276	OP-2	Hold Tank		6450, 106.472/03/14/1997	
D	46	T0277	OP-2	Sodium Bicarb		§106.472/09/04/2000	
D	47	T0310	OP-2	Aromatic 150		106.472/03/14/1997	

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR

[Table 1](#)

Date	Permit No.	Regulated Entity No.
1/13/2025	O-01328	100219393

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	48	T0408	OP-2	Hold Tank		106.472/03/14/1997	
D	54	T0591	OP-2	Hold Tank		106.472/03/14/1997	
D	55	T4602	OP-2	K600 BDT Process Vent		19449	
D	59	EV6	OP-2	Dioxane Stripper		§106.261/12/24/1998	

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/13/2025	O-01328	100219393

Unit ID No.	Registration No.	PBR No.	Registration Date
Tank T-0154	40311	106.261, 106.262, 106.472,106.473	12/21/2016
K201 Unit	100072	106.261, 106.262	03/19/2024
B Plant (K400/K500/K600 Units)	117206	106.261, 106.262	05/15/2014
T-0006, T-0120, T-0121 Change of Service	153457	106.261, 106.262	11/06/2018
T-208 Change of Service	38949	106.262	08/24/1998
SPONTO B-1, 2, 3 & 4	56691	106.262	12/15/2003
Detergent Blenders A-50, A-100 and A-200	56692	106.262	12/31/2003
Houston Plant	112018	106.472, 106.473	05/23/2002
Act Truck Rack	112019	106.472	06/25/1999
Product C-5906 Blending	175881	106.261	04/17/2024

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date
AOS L/O RACK	106.472, 106.473	09/04/2000, 09/04/2000
B-5	106.183	6/18/1997
B-6	106.183	09/04/2000
DB-100 L/O	106.472	3/14/1997
DB-100	106.472, 106.473	03/14/1997, 03/14/1997
DB-200	106.472, 106.473	03/14/1997, 03/14/1997
DB-50	106.472, 106.473	03/14/1997, 03/14/1997
EFL2	106.472, 106.473	03/14/1997, 03/14/1997
EFL3	106.472, 106.473	03/14/1997, 03/14/1997
EFL4	106.472, 106.473	03/14/1997, 03/14/1997
EL1	106.472, 106.473	03/14/1997, 03/14/1997
ENG-1	106.511	09/04/2000
ENG-2	106.511	09/04/2000
ENG-3	106.511	09/04/2000
ENG-4	106.511	09/04/2000
ENG-5	106.511	09/04/2000
ENG-6	106.511	09/04/2000
EV3	106.472, 106.473	03/14/1997, 03/14/1997
ISOTRAILERS	106.472, 106.473	03/14/1997, 03/14/1997
K-400 RACK	106.472	09/04/2000
LOAD330	106.472, 106.473	09/04/2000, 09/04/2000
LOAD620-1	106.472, 106.473	09/04/2000, 09/04/2000
LOAD620-2	106.472, 106.473	09/04/2000, 09/04/2000
R-3DEHYD	106.472, 106.473, 106	09/04/2000, 09/04/2000, 05/04/1994
SPONTO DRUMOFF	106.472, 106.473	09/04/2000, 09/04/2000
SPONTO RACK	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 13A,B,C	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 7A	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 7B	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 8	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 9	106.472, 106.473	09/04/2000, 09/04/2000
T0001	106.472	03/14/1997
T0002	106.472	03/14/1997
T0003	106.472	03/14/1997
T0004	106.472	03/14/1997
T0005	106.472	03/14/1997
T0006	106.472, 106.473	03/14/1997, 03/14/1997
T0007	106.472, 106.473	03/14/1997, 03/14/1997
T0008	106.472	03/14/1997
T0009	106.472, 106.473	03/14/1997, 03/14/1997
T0010	106.472	03/14/1997
T0011	106.472, 106.473	03/14/1997, 03/14/1997
T0013	106.472	03/14/1997
T0020	106.472	03/14/1997
T0022	106.472	03/14/1997
T0023	106.472	03/14/1997
T0024	106.472	03/14/1997
T0049	106.472	03/14/1997
T0050	106.472	03/14/1997
T0098	106.472	03/14/1997
T0099	106.472, 106.473	03/14/1997, 03/14/1997
T0100	106.472	03/14/1997
T0101	106.472	03/14/1997
T0102	106.472	03/14/1997
T0103	106.472	03/14/1997
T0104	106.472	03/14/1997
T0105	106.472	03/14/1997
T0106	106.472	03/14/1997
T0107	106.472	03/14/1997
T0108	106.472	03/14/1997

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date
T0109	106.472	03/14/1997
T0110	106.472	03/14/1997
T0111	106.472	03/14/1997
T0112	106.472, 106.473	03/14/1997, 03/14/1997
T0113	106.472, 106.473	03/14/1997, 03/14/1997
T0114	106.472	03/14/1997
T0115	106.472, 106.473	03/14/1997, 03/14/1997
T0116	106.472	03/14/1997
T0117	106.472	03/14/1997
T0118	106.472, 106.473	03/14/1997, 03/14/1997
T0119	106.472	03/14/1997
T0122	106.472, 106.473	03/14/1997, 03/14/1997
T0123	106.472	03/14/1997
T0124	106.472	03/14/1997
T0125	106.472	03/14/1997
T0126	106.472	03/14/1997
T0127	106.472	03/14/1997
T0128	106.472, 106.473	03/14/1997, 03/14/1997
T0129	106.472, 106.473	03/14/1997, 03/14/1997
T0130	106.472	03/14/1997
T0131	106.472, 106.473	03/14/1997, 03/14/1997
T0132	106.472	03/14/1997
T0133	106.472	03/14/1997
T0134	106.472	03/14/1997
T0135	106.472	03/14/1997
T0136	106.472	03/14/1997
T0137	106.472	03/14/1997
T0138	106.472	03/14/1997
T0139	106.472	03/14/1997
T0140	106.472	03/14/1997
T0141	106.472	03/14/1997
T0142	106.472, 106.473	03/14/1997, 03/14/1997
T0143	106.472, 106.473	03/14/1997, 03/14/1997
T0144	106.472	03/14/1997
T0145	106.472, 106.473	03/14/1997, 03/14/1997
T0146	106.472	03/14/1997
T0147	106.472, 106.473	03/14/1997, 03/14/1997
T0148	106.472	03/14/1997
T0149	106.472, 106.473	03/14/1997, 03/14/1997
T0150	106.472	03/14/1997
T0151	106.472	03/14/1997
T0152	106.472, 106.473	03/14/1997, 03/14/1997
T0153	106.472, 106.473	03/14/1997, 03/14/1997
T0154	106.473	09/04/2000
T0155	106.472, 106.473	03/14/1997, 03/14/1997
T0156	106.472, 106.473	03/14/1997, 03/14/1997
T0157	106.472	09/04/2000
T0158	106.472	03/14/1997
T0162	106.472	03/14/1997
T0163	106.472, 106.473	03/14/1997, 03/14/1997
T0164	106.472	03/14/1997
T0165	106.472	03/14/1997
T0166	106.472, 106.473	03/14/1997, 03/14/1997
T0167	106.472, 106.473	09/04/2000, 09/04/2000
T0168	106.472, 106.473	09/04/2000, 09/04/2000
T0169	106.472, 106.473	03/14/1997, 03/14/1997
T0200	106.472	09/04/2000
T0203	106.472	03/14/1997
T0205	106.472	03/14/1997
T0206	106.472	03/14/1997
T0207	106.472	03/14/1997

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date
T0209	106.472	03/14/1997
T0211	106.472, 106.473	03/14/1997, 03/14/1997
T0212	106.472	03/14/1997
T0213	106.472, 106.473	03/14/1997, 03/14/1997
T0215	106.472	03/14/1997
T0216	106.472	03/14/1997
T0217	106.472	03/14/1997
T0218	106.472	03/14/1997
T0220	106.472, 106.473	03/14/1997, 03/14/1997
T0221	106.472, 106.473	03/14/1997, 03/14/1997
T0222	106.472	03/14/1997
T0223	106.472	03/14/1997
T0226	106.472	03/14/1997
T0227	106.472	03/14/1997
T0228	106.472	03/14/1997
T0233	106.473	03/14/1997
T0235	106.472	03/14/1997
T0267	106.472, 106.473	09/04/2000, 09/04/2000
T0268	106.472	03/14/1997
T0272	106.472	03/14/1997
T0273	106.472	03/14/1997
T0274	106.472	03/14/1997
T0278	106.472	03/14/1997
T0301	106.472, 106.473	03/14/1997, 03/14/1997
T0302	106.472, 106.473	03/14/1997, 03/14/1997
T0303	106.472	03/14/1997
T0304	106.472	03/14/1997
T0305	106.472, 106.473	03/14/1997, 03/14/1997
T0306	106.472	03/14/1997
T0307	106.472	03/14/1997
T0308	106.472	03/14/1997
T0309	106.472	03/14/1997
T0313	106.472	03/14/1997
T0314	106.472	03/14/1997
T0407	106.472	03/14/1997
T0409	106.472	03/14/1997
T0410	106.472	03/14/1997
T0413	106.472	03/14/1997
T0414	106.472	03/14/1997
T0415	106.472	09/04/2000
T0416	106.472	03/14/1997
T0417	106.472	03/14/1997
T0418	106.472	09/04/2000
T0419	106.472, 106.473	09/04/2000, 09/04/2000
T0420	106.472	03/14/1997
T0421	106.472	03/14/1997
T0422	106.472	03/14/1997
T0423	106.472	03/14/1997
T0424	106.472	03/14/1997
T0425	106.472	03/14/1997
T0427	106.472	03/14/1997
T0432	106.472, 106.473	03/14/1997, 03/14/1997
T0434	106.472, 106.473	03/14/1997, 03/14/1997
T0505	106.472	03/14/1997
T0506	106.472	03/14/1997
T0606	106.472	03/14/1997
T0607	106.472	03/14/1997
T0809	106.472	03/14/1997
T0810	106.472	03/14/1997
T0811	106.472	03/14/1997
T0812	106.472	03/14/1997

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date
T0813	106.472	03/14/1997
T0814	106.472	03/14/1997
T0815	106.472	03/14/1997
T0819	106.472	03/14/1997
T0860	106.472	09/04/2000
T0861	106.472	09/04/2000
T0862	106.472	09/04/2000
T0863	106.472	09/04/2000
T0864	106.472	09/04/2000
T0865	106.472	09/04/2000
T0866	106.472	09/04/2000
T0867	106.472	09/04/2000
T0868	106.472	09/04/2000
T0869	106.472	09/04/2000
T0870	106.472	09/04/2000
T0871	106.472	09/04/2000
T1001	106.472	03/14/1997
T1002	106.472	03/14/1997
T1005	106.472	03/14/1997
T1006	106.472	03/14/1997
T5102	106.473	09/04/2000
T5200	106.473	09/04/2000
T6110	106.472, 106.473	03/14/1997, 03/14/1997
T6120	106.472, 106.473	03/14/1997, 03/14/1997
T6130	106.472, 106.473	03/14/1997, 03/14/1997
T6140	106.472, 106.473	03/14/1997, 03/14/1997
T6200	106.472	09/04/2000

Permit By Rule Supplemental Table (Page 3)
Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/13/2025	O-01328	100219393

PBR No.	Version No./Date
SE 15	01/08/1980
SE 99	09/23/1982

Permit By Rule Supplemental Table (Page 4)

Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Tank T-0154	106.261, 106.262, 106.472, 106.473	40311	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
K201 Unit	106.261, 106.262	100072	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
B Plant (K400/K500/K600 Units)	106.261, 106.262	117206	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T-0006, T-0120, T-0121 Change of Service	106.261, 106.262	153457	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T-208 Change of Service	106.262	38949	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPONTO B-1, 2, 3 & 4	106.262	56691	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
Detergent Blenders A-50, A-100 and A-200	106.262	56692	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
Houston Plant	106.472, 106.473	112018	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
Act Truck Rack	106.472	112019	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
Product C-5906 Blending	106.261	175881	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
AOS L/O RACK	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
B-5	106.183	6/18/1997	Boiler design specs and monthly fuel records.
B-6	106.183	09/04/2000	Boiler design specs and monthly fuel records.
DB-100 L/O	106.472	3/14/1997	SDS and management of change (MOC) records.
DB-100	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
DB-200	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
DB-50	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
EFL2	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
EFL3	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
EFL4	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
EL1	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
ENG-1	106.511	09/04/2000	Records of operating hours on a monthly basis.
ENG-2	106.511	09/04/2000	Records of operating hours on a monthly basis.

Permit By Rule Supplemental Table (Page 4)

**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
ENG-3	106.511	09/04/2000	Records of operating hours on a monthly basis.
ENG-4	106.511	09/04/2000	Records of operating hours on a monthly basis.
ENG-5	106.511	09/04/2000	Records of operating hours on a monthly basis.
ENG-6	106.511	09/04/2000	Records of operating hours on a monthly basis.
EV3	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
ISOTRAILERS	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
K-400 RACK	106.472	09/04/2000	SDS and management of change (MOC) records.
LOAD330	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
LOAD620-1	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
LOAD620-2	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
R-3DEHYD	106.472, 106.473, 106	09/04/2000, 09/04/2000, 05/04/1994	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPONTO DRUMOFF	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPONTO RACK	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 13A,B,C	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 7A	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 7B	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 8	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 9	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0001	106.472	03/14/1997	SDS and management of change (MOC) records.
T0002	106.472	03/14/1997	SDS and management of change (MOC) records.
T0003	106.472	03/14/1997	SDS and management of change (MOC) records.
T0004	106.472	03/14/1997	SDS and management of change (MOC) records.
T0005	106.472	03/14/1997	SDS and management of change (MOC) records.

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**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0006	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0007	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0008	106.472	03/14/1997	SDS and management of change (MOC) records.
T0009	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0010	106.472	03/14/1997	SDS and management of change (MOC) records.
T0011	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0013	106.472	03/14/1997	SDS and management of change (MOC) records.
T0020	106.472	03/14/1997	SDS and management of change (MOC) records.
T0022	106.472	03/14/1997	SDS and management of change (MOC) records.
T0023	106.472	03/14/1997	SDS and management of change (MOC) records.
T0024	106.472	03/14/1997	SDS and management of change (MOC) records.
T0049	106.472	03/14/1997	SDS and management of change (MOC) records.
T0050	106.472	03/14/1997	SDS and management of change (MOC) records.
T0098	106.472	03/14/1997	SDS and management of change (MOC) records.
T0099	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0100	106.472	03/14/1997	SDS and management of change (MOC) records.
T0101	106.472	03/14/1997	SDS and management of change (MOC) records.
T0102	106.472	03/14/1997	SDS and management of change (MOC) records.
T0103	106.472	03/14/1997	SDS and management of change (MOC) records.
T0104	106.472	03/14/1997	SDS and management of change (MOC) records.
T0105	106.472	03/14/1997	SDS and management of change (MOC) records.
T0106	106.472	03/14/1997	SDS and management of change (MOC) records.
T0107	106.472	03/14/1997	SDS and management of change (MOC) records.
T0108	106.472	03/14/1997	SDS and management of change (MOC) records.
T0109	106.472	03/14/1997	SDS and management of change (MOC) records.
T0110	106.472	03/14/1997	SDS and management of change (MOC) records.
T0111	106.472	03/14/1997	SDS and management of change (MOC) records.
T0112	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0113	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0114	106.472	03/14/1997	SDS and management of change (MOC) records.

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**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0115	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0116	106.472	03/14/1997	SDS and management of change (MOC) records.
T0117	106.472	03/14/1997	SDS and management of change (MOC) records.
T0118	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0119	106.472	03/14/1997	SDS and management of change (MOC) records.
T0122	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0123	106.472	03/14/1997	SDS and management of change (MOC) records.
T0124	106.472	03/14/1997	SDS and management of change (MOC) records.
T0125	106.472	03/14/1997	SDS and management of change (MOC) records.
T0126	106.472	03/14/1997	SDS and management of change (MOC) records.
T0127	106.472	03/14/1997	SDS and management of change (MOC) records.
T0128	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0129	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0130	106.472	03/14/1997	SDS and management of change (MOC) records.
T0131	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0132	106.472	03/14/1997	SDS and management of change (MOC) records.
T0133	106.472	03/14/1997	SDS and management of change (MOC) records.
T0134	106.472	03/14/1997	SDS and management of change (MOC) records.
T0135	106.472	03/14/1997	SDS and management of change (MOC) records.
T0136	106.472	03/14/1997	SDS and management of change (MOC) records.
T0137	106.472	03/14/1997	SDS and management of change (MOC) records.
T0138	106.472	03/14/1997	SDS and management of change (MOC) records.
T0139	106.472	03/14/1997	SDS and management of change (MOC) records.
T0140	106.472	03/14/1997	SDS and management of change (MOC) records.
T0141	106.472	03/14/1997	SDS and management of change (MOC) records.
T0142	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0143	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0144	106.472	03/14/1997	SDS and management of change (MOC) records.
T0145	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.

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**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0146	106.472	03/14/1997	SDS and management of change (MOC) records.
T0147	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0148	106.472	03/14/1997	SDS and management of change (MOC) records.
T0149	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0150	106.472	03/14/1997	SDS and management of change (MOC) records.
T0151	106.472	03/14/1997	SDS and management of change (MOC) records.
T0152	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0153	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0154	106.473	09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0155	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0156	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0157	106.472	09/04/2000	SDS and management of change (MOC) records.
T0158	106.472	03/14/1997	SDS and management of change (MOC) records.
T0162	106.472	03/14/1997	SDS and management of change (MOC) records.
T0163	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0164	106.472	03/14/1997	SDS and management of change (MOC) records.
T0165	106.472	03/14/1997	SDS and management of change (MOC) records.
T0166	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0167	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0168	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0169	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0200	106.472	09/04/2000	SDS and management of change (MOC) records.
T0203	106.472	03/14/1997	SDS and management of change (MOC) records.
T0205	106.472	03/14/1997	SDS and management of change (MOC) records.

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**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0206	106.472	03/14/1997	SDS and management of change (MOC) records.
T0207	106.472	03/14/1997	SDS and management of change (MOC) records.
T0209	106.472	03/14/1997	SDS and management of change (MOC) records.
T0211	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0212	106.472	03/14/1997	SDS and management of change (MOC) records.
T0213	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0215	106.472	03/14/1997	SDS and management of change (MOC) records.
T0216	106.472	03/14/1997	SDS and management of change (MOC) records.
T0217	106.472	03/14/1997	SDS and management of change (MOC) records.
T0218	106.472	03/14/1997	SDS and management of change (MOC) records.
T0220	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0221	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0222	106.472	03/14/1997	SDS and management of change (MOC) records.
T0223	106.472	03/14/1997	SDS and management of change (MOC) records.
T0226	106.472	03/14/1997	SDS and management of change (MOC) records.
T0227	106.472	03/14/1997	SDS and management of change (MOC) records.
T0228	106.472	03/14/1997	SDS and management of change (MOC) records.
T0233	106.473	03/14/1997	SDS and management of change (MOC) records.
T0235	106.472	03/14/1997	SDS and management of change (MOC) records.
T0267	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0268	106.472	03/14/1997	SDS and management of change (MOC) records.
T0272	106.472	03/14/1997	SDS and management of change (MOC) records.
T0273	106.472	03/14/1997	SDS and management of change (MOC) records.
T0274	106.472	03/14/1997	SDS and management of change (MOC) records.
T0278	106.472	03/14/1997	SDS and management of change (MOC) records.
T0301	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0302	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0303	106.472	03/14/1997	SDS and management of change (MOC) records.
T0304	106.472	03/14/1997	SDS and management of change (MOC) records.
T0305	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.

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Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0306	106.472	03/14/1997	SDS and management of change (MOC) records.
T0307	106.472	03/14/1997	SDS and management of change (MOC) records.
T0308	106.472	03/14/1997	SDS and management of change (MOC) records.
T0309	106.472	03/14/1997	SDS and management of change (MOC) records.
T0313	106.472	03/14/1997	SDS and management of change (MOC) records.
T0314	106.472	03/14/1997	SDS and management of change (MOC) records.
T0407	106.472	03/14/1997	SDS and management of change (MOC) records.
T0409	106.472	03/14/1997	SDS and management of change (MOC) records.
T0410	106.472	03/14/1997	SDS and management of change (MOC) records.
T0413	106.472	03/14/1997	SDS and management of change (MOC) records.
T0414	106.472	03/14/1997	SDS and management of change (MOC) records.
T0415	106.472	09/04/2000	SDS and management of change (MOC) records.
T0416	106.472	03/14/1997	SDS and management of change (MOC) records.
T0417	106.472	03/14/1997	SDS and management of change (MOC) records.
T0418	106.472	09/04/2000	SDS and management of change (MOC) records.
T0419	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0420	106.472	03/14/1997	SDS and management of change (MOC) records.
T0421	106.472	03/14/1997	SDS and management of change (MOC) records.
T0422	106.472	03/14/1997	SDS and management of change (MOC) records.
T0423	106.472	03/14/1997	SDS and management of change (MOC) records.
T0424	106.472	03/14/1997	SDS and management of change (MOC) records.
T0425	106.472	03/14/1997	SDS and management of change (MOC) records.
T0427	106.472	03/14/1997	SDS and management of change (MOC) records.
T0432	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0434	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0505	106.472	03/14/1997	SDS and management of change (MOC) records.
T0506	106.472	03/14/1997	SDS and management of change (MOC) records.
T0606	106.472	03/14/1997	SDS and management of change (MOC) records.
T0607	106.472	03/14/1997	SDS and management of change (MOC) records.
T0809	106.472	03/14/1997	SDS and management of change (MOC) records.
T0810	106.472	03/14/1997	SDS and management of change (MOC) records.
T0811	106.472	03/14/1997	SDS and management of change (MOC) records.
T0812	106.472	03/14/1997	SDS and management of change (MOC) records.
T0813	106.472	03/14/1997	SDS and management of change (MOC) records.
T0814	106.472	03/14/1997	SDS and management of change (MOC) records.
T0815	106.472	03/14/1997	SDS and management of change (MOC) records.
T0819	106.472	03/14/1997	SDS and management of change (MOC) records.
T0860	106.472	09/04/2000	SDS and management of change (MOC) records.

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**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0861	106.472	09/04/2000	SDS and management of change (MOC) records.
T0862	106.472	09/04/2000	SDS and management of change (MOC) records.
T0863	106.472	09/04/2000	SDS and management of change (MOC) records.
T0864	106.472	09/04/2000	SDS and management of change (MOC) records.
T0865	106.472	09/04/2000	SDS and management of change (MOC) records.
T0866	106.472	09/04/2000	SDS and management of change (MOC) records.
T0867	106.472	09/04/2000	SDS and management of change (MOC) records.
T0868	106.472	09/04/2000	SDS and management of change (MOC) records.
T0869	106.472	09/04/2000	SDS and management of change (MOC) records.
T0870	106.472	09/04/2000	SDS and management of change (MOC) records.
T0871	106.472	09/04/2000	SDS and management of change (MOC) records.
T1001	106.472	03/14/1997	SDS and management of change (MOC) records.
T1002	106.472	03/14/1997	SDS and management of change (MOC) records.
T1005	106.472	03/14/1997	SDS and management of change (MOC) records.
T1006	106.472	03/14/1997	SDS and management of change (MOC) records.
T5102	106.473	09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T5200	106.473	09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6110	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6120	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6130	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6140	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6200	106.472	09/04/2000	SDS and management of change (MOC) records.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality**

Date: 01/13/2025	
Permit No.: O-01328	
Regulated Entity No.: 100219393	
Company Name: Nouryon Surface Chemistry LLC	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input type="checkbox"/> Renewal	
<input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1 (continued)
Texas Commission on Environmental Quality

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:

(Check the appropriate box[es].)

☒ VOC ☐ NO_x ☐ SO₂ ☐ PM₁₀ ☐ CO ☐ Pb ☐ HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-A	No	K-600 Unit	NA	19449	Incorporate by reference into the FOP the amendment of NSR Permit No. 19449 which was approved by TCEQ on 3/22/24.
2	MS-A	No	AOW Unit	NA	9600	Incorporate by reference into the FOP the amendment of NSR Permit No. 9600 which was approved by TCEQ on 5/13/2024.
3	MS-C	No	K-4/5 DRUMOFF	OP-2	106.472/09/04/2000	Remove from the permit since this unit ID is shut down.
4	MS-C	No	FUGA,300B	OP-2	562	Remove from the permit since this unit ID is shut down.
5	MS-C	Yes	R-400A	OP-2	563	Add unit ID R-400A back to the permit as it was inadvertently removed in the previous permit renewal. Forms UA15, OP-MON, and OP-REQ3 are included in this application.
6	MS-C	No	FUGR3,400B	OP-2	563	Change this unit ID to FUG3,400B. Also, remove 9600 from NSR authorizations for this unit ID.
7	MS-C	No	FUGR3,400	OP-2	563, 9600	Remove this unit ID from the permit as it is redundant to the unit ID shown above in Item 6.
8	MS-C	No	#1 RACK	OP-2	563	Change this unit ID to LO-R300.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
9	MS-C	No	R-3/4 L/O RACK	OP-2	563, 9600	Remove from the permit since this unit ID is shut down.
10	MS-C	No	R-300 DRUMOFF	OP-2	563	Remove from the permit since this unit ID is shut down.
11	MS-C	No	EV4	OP-2	9600, 56698	Add 56698 to the NSR authorizations for this unit ID.
12	MS-C	No	LOAD620-1	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 56699 from NSR authorizations for this unit ID.
13	MS-C	No	LOAD620-2	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Change the NSR authorization from 56697 to §106.472 and §106.473.
14	MS-C	No	EFL1	OP-2	9600	Change the emission unit name/description to "Truck Loading".
15	MS-C	No	EV3	OP-2	9600, 106.472/03/14/1997, 106.473/03/14/1997	Change the emission unit name/description to "Drum Loading".
16	MS-C	No	R-400 DRUMOFF	OP-2	9600, §106.472/09/04/2000, §106.473/09/04/2000	Remove from the permit since this unit ID is shut down.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
17	MS-C	No	R-400FUG	OP-2	9600	Remove from the permit since this unit ID is shut down.
18	MS-C	No	K-301	OP-2	80481	Remove from the permit since this unit ID is shut down.
19	MS-C	No	AOS L/O RACK	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9001 from NSR authorizations for this unit ID.
20	MS-C	No	EP-600-1	OP-15	19449	Add 30 TAC Chapter 111, Visible Emissions requirements for this unit ID. Forms OP-UA15, OP-MON, and OP-REQ3 are included in this application.
21	MS-C	No	EF001A	OP-UA12	9600	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application.
22	MS-C	No	FUGDBAREA	OP-UA12	56696	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application.
23	MS-C	No	FUGK600B	OP-UA12	19449	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
24	MS-C	No	FUGR1,200	OP-UA12	56694	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application.
25	MS-C	No	FUGR3,400B	OP-UA12	563	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application. (Please note that in Item 6 above, it is requested to change this Unit ID to FUG3,400B).
26	MS-C	No	T0006	OP-2	106.472/03/14/1997, 106.473/03/14/1997	Change the emission unit name/description to "Hold Tank". Also, because of a change in service, the applicable requirements for this storage need to be updated. Forms OP-UA3 and OP-REQ3 are included in this application. In addition, the Periodic Monitoring requirements no longer apply to it.
27	MS-C	No	T0012	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
28	MS-C	No	T0013	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
29	MS-C	No	T0020	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
30	MS-C	No	T0022	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
31	MS-C	No	T0023	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
32	MS-C	No	T0024	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
33	MS-C	No	T0049	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
34	MS-C	No	T0050	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
35	MS-C	No	T0120	OP-2	106.472/03/14/1997, 106.473/03/14/1997	Remove from the permit since this unit ID is shut down.
36	MS-C	No	T0121	OP-2	106.472/03/14/1997, 106.473/03/14/1997	Remove from the permit since this unit ID is shut down.
37	MS-C	No	T0167	OP-2	9600, §106.472/09/04/2000, §106.473/09/04/2000	Change the emission unit name/description to "Blend Tank".
38	MS-C	No	T0171	OP-2	106.261/11/01/2003, 106.262/11/01/2003	Remove from permit since this is a redundant unit to Unit ID K-201A, which is already in the permit. Also, this unit is not subject to 30 TAC Chapter 111, Visible Emissions requirements.
39	MS-C	No	T0205	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
40	MS-C	No	T0206	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
41	MS-C	No	T0207	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
42	MS-C	No	T0215	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
43	MS-C	No	T0217	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
44	MS-C	No	T0218	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
45	MS-C	No	T0276	OP-2	6450, 106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
46	MS-C	No	T0277	OP-2	§106.472/09/04/2000	Remove from the permit since this unit ID is shut down.
47	MS-C	No	T0310	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
48	MS-C	No	T0408	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
49	MS-C	No	T0415	OP-2	§106.472/09/04/2000	Change NSR authorization for this unit ID from 9001 to §106.472.
50	MS-C	No	T0416	OP-2	§106.472/03/14/1997	Remove 9001 from NSR authorizations for this unit ID.
51	MS-C	No	T0417	OP-2	§106.472/03/14/1997	Remove 9001 from NSR authorizations for this unit ID.
52	MS-C	No	T0418	OP-2	§106.472/09/04/2000	Change NSR authorization for this unit ID from 9001 to §106.472.
53	MS-C	No	T0419	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9001 from NSR authorizations for this unit ID.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
54	MS-C	No	T0591	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
55	MS-C	No	T4602	OP-2	19449	Remove since this is a redundant unit to Unit ID EP-600-1, which is already in the permit.
56	MS-C	No	T6200	OP-2	§106.472/09/04/2000	Change the NSR authorization from 56699 to §106.472.
57	MS-C	No	T6200	OP-2	§106.472/09/04/2000	Change the classification from process vent to storage tank in VOC service. Forms OP-UA3 and OP-REQ3 are included in this application. It is also no longer subject to the 30 TAC Chapter 111, Visible Emissions requirements. Therefore, the Periodic Monitoring requirements do not apply to it.
58	MS-C	No	EV2	OP-2	9600	Change the emission unit name/description to "Dioxane Stripper".
59	MS-C	No	EV6	OP-2	§106.261/12/24/1998	Remove this unit ID from the permit as it is redundant to the unit ID shown above in Item 58.
60	MS-C	No	SPOT 7B	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9600 from NSR authorizations for this unit ID.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
61	MS-C	No	SPOT 8	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9600 from NSR authorizations for this unit ID.
62	MS-C	No	SPOT 9	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Change the NSR authorization from 9600 to §106.472 and §106.473.

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality

Date: 01/13/2025	
Permit No.: O-01328	
Regulated Entity No.: 100219393	
Company Name: Nouryon Surface Chemistry LLC	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <input type="checkbox"/> YES <input type="checkbox"/> NO
B.	Indicate the alternate language(s) in which public notice is required:
C.	Will, there be a change in air pollutant emissions as a result of the significant revision? <input type="checkbox"/> YES <input type="checkbox"/> NO

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions

Nouryon Surface Chemistry LLC, Houston Plant - General Process Description

Nouryon Surface Chemistry LLC (Nouryon) owns and operates a chemical manufacturing plant located in Houston, Fort Bend County, Texas. The Nouryon Houston Plant produces specialty chemicals utilized in several different industries. The following is a brief description of each manufacturing unit at the Houston Plant.

The Oxylation Reactor Unit is authorized under NSR Permit No. 9600, and manufactures ethoxylated surfactants by reacting various feeds with either ethylene oxide or propylene oxide in one of three reactors. From the reactors the products are either routed to storage or to the blending area. In the blending area, various compounds are added as necessary to meet customer requirements. The final products are then either loaded into tank trucks or drummed for final shipment.

The R-200 Unit is a batch oxylation reactor and is authorized under NSR Permit No. 56698. The process consists of adding the hydrophobe along with a base catalyst to the R-200 Reactor. In the dehydration phase, this mixture is then heated and a nitrogen sparge is used to remove the water introduced by the catalyst addition and to form the sodium/potassium salt of the hydrophobe. Most of the air emissions occur during dehydration. Discharge from the reactor is accomplished by pressurizing the reactor with nitrogen and discharging the contents to another vessel, storage tank or "drum-off" station. Most of the time the product is discharged to a tank called the R200 blowdown tank. The vent from the blowdown tank is connected to the packed tower to control air emissions during and just after product transfer from the reactor.

The R-300 unit is a batch oxylation reactor and is authorized under NSR Permit No. 563. The process consists of adding the hydrophobe along with a base catalyst to the R-300 Reactor. In the dehydration phase, this mixture is then heated and a nitrogen sparge is used to remove the water introduced by the catalyst addition and to form the sodium/potassium salt of the hydrophobe. Most of the air emissions occur during dehydration. After the dehydration phase has concluded, the solution is heated, and chemicals are added to produce the oxylate. The process is exothermic and the temperature is maintained by using heat exchangers. When the correct molecule weight has been obtained, the process is stopped, and the headspace gas is then vented to the R-400 Caustic Scrubber (EPN: R-400A). The finished product is then cooled and transferred to a tank, truck, or container.

The K-201 Unit is authorized under Permit by Rule Registration No. 100072, and manufactures amides, amines, and esters at the Houston Plant. This is a batch process. Raw materials from storage tanks and drums/totes are loaded into the K-201 Reactor. A small natural gas fired hot oil heater (EPN: K-201HF) is used to heat Therminol 66, a hydrocarbon heat transfer oil, which is circulated through the heater coils and the jacketed K-201 Reactor. The reactor has a vent condenser that can be used to cool vent gases and to condense and recover some raw materials. The vent from the reactor is routed to a scrubber (EPN: K-201A) that can function as either a direct contact condenser and or as a mass transfer device to absorb water soluble compounds into the once-through scrubbing fluid. The products that are formed by chemical reactions in the K-201 Unit are larger molecules and or salts that have low volatility.

The K-600 Unit is authorized under NSR Permit No. 19449, and is a batch process used to make surfactant intermediates for a variety of applications. The surfactant intermediates are made in the K-600 Unit first, followed by exolation in another unit. Generally, the chemicals handled include inorganic chemicals, organic liquids that have high boiling points and or chemicals that are water soluble. Reactions conducted may produce water as a byproduct or water may be present in the raw materials. The products that are formed by chemical reactions in the K-600 Unit are larger molecules and or salts that have low volatility. The products are shipped out by tank truck or drum loading.

pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

I have conducted a technical review of the application, and an electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided. Please review the WDP and submit to me any comments you have by **February 3, 2025**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

-
In addition to your review of the WDP, please address the following items:

- For any PBR updates you must submit the entire form for all PBRs at the site. Please submit form OP-PBRSUP to include ALL registered, claimed, and insignificant PBRs at the facility.
- Should the Process Description be updated for this facility? Here is the current Process Description:

The Nouryon Surface Chemistry Houston Plant consists of several process units. In the A-300 process, elemental sulfur is reacted with oxygen to produce SO₂ in the sulfur burner. In the presence of a catalyst, SO₂ is converted to SO₃ by reacting SO₂ with O₂. SO₃ is then used to sulfonate docetyl benzene or other organic compounds to produce sulfonic acid.

The K-300A process produces phenol formaldehyde resins in a heated reactor. The K-201A Reactor process makes amides, amide ester, ester amine, diamide, imidazoline and formaldehyde resins in a batch process. The K-300A and K-301 processes manufacture calcium sulfonates. The K-400B process makes phosphate esters. The K-500 process manufactures phosphate esters and amides. The EP-600-1 process produces phosphate esters, carboxylated nonionic surfactant, quarternary ammonium compounds, acid salts, and polymerization polyols.

The end products are surfactants, which are typically used in oil field, household and industrial cleaning, and agricultural applications.

Two Plant Boilers supply the plant with steam and burn natural gas only.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Happy New Year!

Sincerely,

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

This email has been scanned by Nouryon for Viruses and Spam.
For more information please contact your local IT Service Desk.

Texas Commission on Environmental Quality

Title V Existing
1328

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	NOURYON SURFACE CHEMISTRY HOUSTON PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	15200 ALMEDA RD
City	HOUSTON
State	TX
ZIP	77053
County	FORT BEND
Latitude (N) (##.#####)	29.585555
Longitude (W) (-###.#####)	95.431111
Primary SIC Code	2843
Secondary SIC Code	
Primary NAICS Code	325613
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100219393
What is the name of the Regulated Entity (RE)?	NOURYON SURFACE CHEMISTRY
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	15200 ALMEDA RD
City	HOUSTON
State	TX
ZIP	77053
County	FORT BEND
Latitude (N) (##.#####)	29.58
Longitude (W) (-###.#####)	-95.43
Facility NAICS Code	
What is the primary business of this entity?	SPECIALTY CHEMICAL MFR SURFACE ACTIVE ORG CHEMICAL

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601580566
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Nouryon Surface Chemistry LLC
Texas SOS Filing Number	705853723

Federal Tax ID	831177040
State Franchise Tax ID	13643232690
State Sales Tax ID	
Local Tax ID	
DUNS Number	93195485
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	NOURYON SURFACE CHEMISTRY LLC
Prefix	MR
First	HEATH
Middle	
Last	HERBOLD
Suffix	
Credentials	
Title	SITE DIRECTOR
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	15200 ALMEDA RD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77053
Phone (###-###-####)	7134344280
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	heath.herbold@nouryon.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	SERGIO SEPULVEDA(NOURYON SURFACE...)
Organization Name	NOURYON SURFACE CHEMISTRY LLC
Prefix	MR
First	SERGIO
Middle	
Last	SEPULVEDA
Suffix	
Credentials	

Title	SR ENVIRONMENTAL ENGINEER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	15200 ALMEDA RD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77053
Phone (###-###-####)	7134344430
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7134335489
E-mail	Sergio.sepulveda@nouryon.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 35 Min 8 Sec
3) Permit Longitude Coordinate:	95 Deg 25 Min 52 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	1328-37460
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

[File Properties]

File Name	OP-2 - (Updated 1-13-25).pdf
Hash	04DEA850872C42DB574A656630B253D5F979A015C9C7C7F41EA67F6742AC7D68
MIME-Type	application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name	OP-PBRSUP (1-13-25).pdf
Hash	9D06AD1280702D47865361D3C70E1D540DE8E8F666D666C8BA7DAFA0BBBD36FF3
MIME-Type	application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name	OP-SUMR (Updated 1-13-25).pdf
Hash	3A720345327B507DB25BBE01234BA41AE13A2F1693BE967FA03BFB4352D4EB88
MIME-Type	application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	General Process Description - Nouryon Houston Plant.pdf
Hash	26151C33259A3131D583DE1030453172E62461012B5DEB29992E83DB34D7D8D0
MIME-Type	application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Certification

I certify that I am the Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Sergio E Sepulveda, the owner of the STEERS account ER020661.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.

- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V Existing 1328.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Sergio E Sepulveda OWNER OPERATOR

Account Number: ER020661
Signature IP Address: 165.225.32.165
Signature Date: 2025-01-27
Signature Hash: 05BB15CA0DFFFAC6552F18EC7A09B5BCE0219CB1B088EC00CE7C1AE6B581C654
Form Hash Code at time of Signature: E3E39750E43AB6B910077E7083DE80B817B0F1A27E9350460268703E876C8BEF

Submission

Reference Number: The application reference number is 749849
Submitted by: The application was submitted by ER020661/Sergio E Sepulveda
Submitted Timestamp: The application was submitted on 2025-01-27 at 14:15:58 CST
Submitted From: The application was submitted from IP address 165.225.32.165
Confirmation Number: The confirmation number is 622581
Steers Version: The STEERS version is 6.85
Permit Number: The permit number is 1328

Additional Information

Application Creator: This account was created by Sergio E Sepulveda

[illegible]

-----Original Message-----
From: HOTPHIT62@nooryon.com <HOTPHIT62@nooryon.com>
Sent: Tuesday, January 28, 2025 9:46 AM
To: Sepulveda, S. (Sergio) <sargio.sepulveda@nooryon.com>
Subject: Message from "RNP5838797BA2AD"

This E-mail was sent from "ENP583879@BA2AD" (IM C1600).

This email has been scanned by Nouryon for Viruses and Spam.
For more information please contact your local IT Service Desk.

[illegible]

This email has been scanned by Nouryon for Viruses and Spam.
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Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/13/2025	O-01328	100219393

Unit ID No.	Registration No.	PBR No.	Registration Date
Tank T-0154	40311	106.261, 106.262, 106.472,106.473	12/21/2016
K201 Unit	100072	106.261, 106.262	03/19/2024
B Plant (K400/K500/K600 Units)	117206	106.261, 106.262	05/15/2014
T-0006, T-0120, T-0121 Change of Service	153457	106.261, 106.262	11/06/2018
T-208 Change of Service	38949	106.262	08/24/1998
SPONTO B-1, 2, 3 & 4	56691	106.262	12/15/2003
Detergent Blenders A-50, A-100 and A-200	56692	106.262	12/31/2003
Houston Plant	112018	106.472, 106.473	05/23/2002
Act Truck Rack	112019	106.472	06/25/1999
Product C-5906 Blending	175881	106.261	04/17/2024

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date
AOS L/O RACK	106.472, 106.473	09/04/2000, 09/04/2000
B-5	106.183	6/18/1997
B-6	106.183	09/04/2000
DB-100 L/O	106.472	3/14/1997
DB-100	106.472, 106.473	03/14/1997, 03/14/1997
DB-200	106.472, 106.473	03/14/1997, 03/14/1997
DB-50	106.472, 106.473	03/14/1997, 03/14/1997
EFL2	106.472, 106.473	03/14/1997, 03/14/1997
EFL3	106.472, 106.473	03/14/1997, 03/14/1997
EFL4	106.472, 106.473	03/14/1997, 03/14/1997
EL1	106.472, 106.473	03/14/1997, 03/14/1997
ENG-1	106.511	09/04/2000
ENG-2	106.511	09/04/2000
ENG-3	106.511	09/04/2000
ENG-4	106.511	09/04/2000
ENG-5	106.511	09/04/2000
ENG-6	106.511	09/04/2000
EV3	106.472, 106.473	03/14/1997, 03/14/1997
ISOTRAILERS	106.472, 106.473	03/14/1997, 03/14/1997
K-400 RACK	106.472	09/04/2000
LOAD330	106.472, 106.473	09/04/2000, 09/04/2000
LOAD620-1	106.472, 106.473	09/04/2000, 09/04/2000
LOAD620-2	106.472, 106.473	09/04/2000, 09/04/2000
R-3DEHYD	106.472, 106.473, 106	09/04/2000, 09/04/2000, 05/04/1994
SPONTO DRUMOFF	106.472, 106.473	09/04/2000, 09/04/2000
SPONTO RACK	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 13A,B,C	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 7A	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 7B	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 8	106.472, 106.473	09/04/2000, 09/04/2000
SPOT 9	106.472, 106.473	09/04/2000, 09/04/2000
T0001	106.472	03/14/1997
T0002	106.472	03/14/1997
T0003	106.472	03/14/1997
T0004	106.472	03/14/1997
T0005	106.472	03/14/1997
T0006	106.472, 106.473	03/14/1997, 03/14/1997
T0007	106.472, 106.473	03/14/1997, 03/14/1997
T0008	106.472	03/14/1997
T0009	106.472, 106.473	03/14/1997, 03/14/1997
T0010	106.472	03/14/1997
T0011	106.472, 106.473	03/14/1997, 03/14/1997
T0013	106.472	03/14/1997
T0020	106.472	03/14/1997
T0022	106.472	03/14/1997
T0023	106.472	03/14/1997
T0024	106.472	03/14/1997
T0049	106.472	03/14/1997
T0050	106.472	03/14/1997
T0098	106.472	03/14/1997
T0099	106.472, 106.473	03/14/1997, 03/14/1997
T0100	106.472	03/14/1997
T0101	106.472	03/14/1997
T0102	106.472	03/14/1997
T0103	106.472	03/14/1997
T0104	106.472	03/14/1997
T0105	106.472	03/14/1997
T0106	106.472	03/14/1997
T0107	106.472	03/14/1997
T0108	106.472	03/14/1997

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date
T0109	106.472	03/14/1997
T0110	106.472	03/14/1997
T0111	106.472	03/14/1997
T0112	106.472, 106.473	03/14/1997, 03/14/1997
T0113	106.472, 106.473	03/14/1997, 03/14/1997
T0114	106.472	03/14/1997
T0115	106.472, 106.473	03/14/1997, 03/14/1997
T0116	106.472	03/14/1997
T0117	106.472	03/14/1997
T0118	106.472, 106.473	03/14/1997, 03/14/1997
T0119	106.472	03/14/1997
T0122	106.472, 106.473	03/14/1997, 03/14/1997
T0123	106.472	03/14/1997
T0124	106.472	03/14/1997
T0125	106.472	03/14/1997
T0126	106.472	03/14/1997
T0127	106.472	03/14/1997
T0128	106.472, 106.473	03/14/1997, 03/14/1997
T0129	106.472, 106.473	03/14/1997, 03/14/1997
T0130	106.472	03/14/1997
T0131	106.472, 106.473	03/14/1997, 03/14/1997
T0132	106.472	03/14/1997
T0133	106.472	03/14/1997
T0134	106.472	03/14/1997
T0135	106.472	03/14/1997
T0136	106.472	03/14/1997
T0137	106.472	03/14/1997
T0138	106.472	03/14/1997
T0139	106.472	03/14/1997
T0140	106.472	03/14/1997
T0141	106.472	03/14/1997
T0142	106.472, 106.473	03/14/1997, 03/14/1997
T0143	106.472, 106.473	03/14/1997, 03/14/1997
T0144	106.472	03/14/1997
T0145	106.472, 106.473	03/14/1997, 03/14/1997
T0146	106.472	03/14/1997
T0147	106.472, 106.473	03/14/1997, 03/14/1997
T0148	106.472	03/14/1997
T0149	106.472, 106.473	03/14/1997, 03/14/1997
T0150	106.472	03/14/1997
T0151	106.472	03/14/1997
T0152	106.472, 106.473	03/14/1997, 03/14/1997
T0153	106.472, 106.473	03/14/1997, 03/14/1997
T0154	106.473	09/04/2000
T0155	106.472, 106.473	03/14/1997, 03/14/1997
T0156	106.472, 106.473	03/14/1997, 03/14/1997
T0157	106.472	09/04/2000
T0158	106.472	03/14/1997
T0162	106.472	03/14/1997
T0163	106.472, 106.473	03/14/1997, 03/14/1997
T0164	106.472	03/14/1997
T0165	106.472	03/14/1997
T0166	106.472, 106.473	03/14/1997, 03/14/1997
T0167	106.472, 106.473	09/04/2000, 09/04/2000
T0168	106.472, 106.473	09/04/2000, 09/04/2000
T0169	106.472, 106.473	03/14/1997, 03/14/1997
T0200	106.472	09/04/2000
T0203	106.472	03/14/1997
T0205	106.472	03/14/1997
T0206	106.472	03/14/1997
T0207	106.472	03/14/1997

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date
T0209	106.472	03/14/1997
T0211	106.472, 106.473	03/14/1997, 03/14/1997
T0212	106.472	03/14/1997
T0213	106.472, 106.473	03/14/1997, 03/14/1997
T0215	106.472	03/14/1997
T0216	106.472	03/14/1997
T0217	106.472	03/14/1997
T0218	106.472	03/14/1997
T0220	106.472, 106.473	03/14/1997, 03/14/1997
T0221	106.472, 106.473	03/14/1997, 03/14/1997
T0222	106.472	03/14/1997
T0223	106.472	03/14/1997
T0226	106.472	03/14/1997
T0227	106.472	03/14/1997
T0228	106.472	03/14/1997
T0233	106.473	03/14/1997
T0235	106.472	03/14/1997
T0267	106.472, 106.473	09/04/2000, 09/04/2000
T0268	106.472	03/14/1997
T0272	106.472	03/14/1997
T0273	106.472	03/14/1997
T0274	106.472	03/14/1997
T0278	106.472	03/14/1997
T0301	106.472, 106.473	03/14/1997, 03/14/1997
T0302	106.472, 106.473	03/14/1997, 03/14/1997
T0303	106.472	03/14/1997
T0304	106.472	03/14/1997
T0305	106.472, 106.473	03/14/1997, 03/14/1997
T0306	106.472	03/14/1997
T0307	106.472	03/14/1997
T0308	106.472	03/14/1997
T0309	106.472	03/14/1997
T0313	106.472	03/14/1997
T0314	106.472	03/14/1997
T0407	106.472	03/14/1997
T0409	106.472	03/14/1997
T0410	106.472	03/14/1997
T0413	106.472	03/14/1997
T0414	106.472	03/14/1997
T0415	106.472	09/04/2000
T0416	106.472	03/14/1997
T0417	106.472	03/14/1997
T0418	106.472	09/04/2000
T0419	106.472, 106.473	09/04/2000, 09/04/2000
T0420	106.472	03/14/1997
T0421	106.472	03/14/1997
T0422	106.472	03/14/1997
T0423	106.472	03/14/1997
T0424	106.472	03/14/1997
T0425	106.472	03/14/1997
T0427	106.472	03/14/1997
T0432	106.472, 106.473	03/14/1997, 03/14/1997
T0434	106.472, 106.473	03/14/1997, 03/14/1997
T0505	106.472	03/14/1997
T0506	106.472	03/14/1997
T0606	106.472	03/14/1997
T0607	106.472	03/14/1997
T0809	106.472	03/14/1997
T0810	106.472	03/14/1997
T0811	106.472	03/14/1997
T0812	106.472	03/14/1997

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date
T0813	106.472	03/14/1997
T0814	106.472	03/14/1997
T0815	106.472	03/14/1997
T0819	106.472	03/14/1997
T0860	106.472	09/04/2000
T0861	106.472	09/04/2000
T0862	106.472	09/04/2000
T0863	106.472	09/04/2000
T0864	106.472	09/04/2000
T0865	106.472	09/04/2000
T0866	106.472	09/04/2000
T0867	106.472	09/04/2000
T0868	106.472	09/04/2000
T0869	106.472	09/04/2000
T0870	106.472	09/04/2000
T0871	106.472	09/04/2000
T1001	106.472	03/14/1997
T1002	106.472	03/14/1997
T1005	106.472	03/14/1997
T1006	106.472	03/14/1997
T5102	106.473	09/04/2000
T5200	106.473	09/04/2000
T6110	106.472, 106.473	03/14/1997, 03/14/1997
T6120	106.472, 106.473	03/14/1997, 03/14/1997
T6130	106.472, 106.473	03/14/1997, 03/14/1997
T6140	106.472, 106.473	03/14/1997, 03/14/1997
T6200	106.472	09/04/2000

Permit By Rule Supplemental Table (Page 3)
Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
01/13/2025	O-01328	100219393

PBR No.	Version No./Date
SE 15	01/08/1980
SE 99	09/23/1982

Permit By Rule Supplemental Table (Page 4)

**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
Tank T-0154	106.261, 106.262, 106.472, 106.473	40311	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
K201 Unit	106.261, 106.262	100072	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
B Plant (K400/K500/K600 Units)	106.261, 106.262	117206	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T-0006, T-0120, T-0121 Change of Service	106.261, 106.262	153457	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T-208 Change of Service	106.262	38949	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPONTO B-1, 2, 3 & 4	106.262	56691	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
Detergent Blenders A-50, A-100 and A-200	106.262	56692	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
Houston Plant	106.472, 106.473	112018	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
Act Truck Rack	106.472	112019	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
Product C-5906 Blending	106.261	175881	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
AOS L/O RACK	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
B-5	106.183	6/18/1997	Boiler design specs and monthly fuel records.
B-6	106.183	09/04/2000	Boiler design specs and monthly fuel records.
DB-100 L/O	106.472	3/14/1997	SDS and management of change (MOC) records.
DB-100	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
DB-200	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
DB-50	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
EFL2	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
EFL3	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
EFL4	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
EL1	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
ENG-1	106.511	09/04/2000	Records of operating hours on a monthly basis.
ENG-2	106.511	09/04/2000	Records of operating hours on a monthly basis.

Permit By Rule Supplemental Table (Page 4)

**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
ENG-3	106.511	09/04/2000	Records of operating hours on a monthly basis.
ENG-4	106.511	09/04/2000	Records of operating hours on a monthly basis.
ENG-5	106.511	09/04/2000	Records of operating hours on a monthly basis.
ENG-6	106.511	09/04/2000	Records of operating hours on a monthly basis.
EV3	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
ISOTRAILERS	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
K-400 RACK	106.472	09/04/2000	SDS and management of change (MOC) records.
LOAD330	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
LOAD620-1	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
LOAD620-2	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
R-3DEHYD	106.472, 106.473, 106	09/04/2000, 09/04/2000, 05/04/1994	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPONTO DRUMOFF	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPONTO RACK	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 13A,B,C	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 7A	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 7B	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 8	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
SPOT 9	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0001	106.472	03/14/1997	SDS and management of change (MOC) records.
T0002	106.472	03/14/1997	SDS and management of change (MOC) records.
T0003	106.472	03/14/1997	SDS and management of change (MOC) records.
T0004	106.472	03/14/1997	SDS and management of change (MOC) records.
T0005	106.472	03/14/1997	SDS and management of change (MOC) records.

Permit By Rule Supplemental Table (Page 4)

Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0006	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0007	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0008	106.472	03/14/1997	SDS and management of change (MOC) records.
T0009	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0010	106.472	03/14/1997	SDS and management of change (MOC) records.
T0011	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0013	106.472	03/14/1997	SDS and management of change (MOC) records.
T0020	106.472	03/14/1997	SDS and management of change (MOC) records.
T0022	106.472	03/14/1997	SDS and management of change (MOC) records.
T0023	106.472	03/14/1997	SDS and management of change (MOC) records.
T0024	106.472	03/14/1997	SDS and management of change (MOC) records.
T0049	106.472	03/14/1997	SDS and management of change (MOC) records.
T0050	106.472	03/14/1997	SDS and management of change (MOC) records.
T0098	106.472	03/14/1997	SDS and management of change (MOC) records.
T0099	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0100	106.472	03/14/1997	SDS and management of change (MOC) records.
T0101	106.472	03/14/1997	SDS and management of change (MOC) records.
T0102	106.472	03/14/1997	SDS and management of change (MOC) records.
T0103	106.472	03/14/1997	SDS and management of change (MOC) records.
T0104	106.472	03/14/1997	SDS and management of change (MOC) records.
T0105	106.472	03/14/1997	SDS and management of change (MOC) records.
T0106	106.472	03/14/1997	SDS and management of change (MOC) records.
T0107	106.472	03/14/1997	SDS and management of change (MOC) records.
T0108	106.472	03/14/1997	SDS and management of change (MOC) records.
T0109	106.472	03/14/1997	SDS and management of change (MOC) records.
T0110	106.472	03/14/1997	SDS and management of change (MOC) records.
T0111	106.472	03/14/1997	SDS and management of change (MOC) records.
T0112	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0113	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0114	106.472	03/14/1997	SDS and management of change (MOC) records.

Permit By Rule Supplemental Table (Page 4)

**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0115	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0116	106.472	03/14/1997	SDS and management of change (MOC) records.
T0117	106.472	03/14/1997	SDS and management of change (MOC) records.
T0118	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0119	106.472	03/14/1997	SDS and management of change (MOC) records.
T0122	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0123	106.472	03/14/1997	SDS and management of change (MOC) records.
T0124	106.472	03/14/1997	SDS and management of change (MOC) records.
T0125	106.472	03/14/1997	SDS and management of change (MOC) records.
T0126	106.472	03/14/1997	SDS and management of change (MOC) records.
T0127	106.472	03/14/1997	SDS and management of change (MOC) records.
T0128	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0129	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0130	106.472	03/14/1997	SDS and management of change (MOC) records.
T0131	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0132	106.472	03/14/1997	SDS and management of change (MOC) records.
T0133	106.472	03/14/1997	SDS and management of change (MOC) records.
T0134	106.472	03/14/1997	SDS and management of change (MOC) records.
T0135	106.472	03/14/1997	SDS and management of change (MOC) records.
T0136	106.472	03/14/1997	SDS and management of change (MOC) records.
T0137	106.472	03/14/1997	SDS and management of change (MOC) records.
T0138	106.472	03/14/1997	SDS and management of change (MOC) records.
T0139	106.472	03/14/1997	SDS and management of change (MOC) records.
T0140	106.472	03/14/1997	SDS and management of change (MOC) records.
T0141	106.472	03/14/1997	SDS and management of change (MOC) records.
T0142	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0143	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0144	106.472	03/14/1997	SDS and management of change (MOC) records.
T0145	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.

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**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0146	106.472	03/14/1997	SDS and management of change (MOC) records.
T0147	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0148	106.472	03/14/1997	SDS and management of change (MOC) records.
T0149	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0150	106.472	03/14/1997	SDS and management of change (MOC) records.
T0151	106.472	03/14/1997	SDS and management of change (MOC) records.
T0152	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0153	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0154	106.473	09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0155	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0156	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0157	106.472	09/04/2000	SDS and management of change (MOC) records.
T0158	106.472	03/14/1997	SDS and management of change (MOC) records.
T0162	106.472	03/14/1997	SDS and management of change (MOC) records.
T0163	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0164	106.472	03/14/1997	SDS and management of change (MOC) records.
T0165	106.472	03/14/1997	SDS and management of change (MOC) records.
T0166	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0167	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0168	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0169	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0200	106.472	09/04/2000	SDS and management of change (MOC) records.
T0203	106.472	03/14/1997	SDS and management of change (MOC) records.
T0205	106.472	03/14/1997	SDS and management of change (MOC) records.

Permit By Rule Supplemental Table (Page 4)

**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0206	106.472	03/14/1997	SDS and management of change (MOC) records.
T0207	106.472	03/14/1997	SDS and management of change (MOC) records.
T0209	106.472	03/14/1997	SDS and management of change (MOC) records.
T0211	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0212	106.472	03/14/1997	SDS and management of change (MOC) records.
T0213	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0215	106.472	03/14/1997	SDS and management of change (MOC) records.
T0216	106.472	03/14/1997	SDS and management of change (MOC) records.
T0217	106.472	03/14/1997	SDS and management of change (MOC) records.
T0218	106.472	03/14/1997	SDS and management of change (MOC) records.
T0220	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0221	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0222	106.472	03/14/1997	SDS and management of change (MOC) records.
T0223	106.472	03/14/1997	SDS and management of change (MOC) records.
T0226	106.472	03/14/1997	SDS and management of change (MOC) records.
T0227	106.472	03/14/1997	SDS and management of change (MOC) records.
T0228	106.472	03/14/1997	SDS and management of change (MOC) records.
T0233	106.473	03/14/1997	SDS and management of change (MOC) records.
T0235	106.472	03/14/1997	SDS and management of change (MOC) records.
T0267	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0268	106.472	03/14/1997	SDS and management of change (MOC) records.
T0272	106.472	03/14/1997	SDS and management of change (MOC) records.
T0273	106.472	03/14/1997	SDS and management of change (MOC) records.
T0274	106.472	03/14/1997	SDS and management of change (MOC) records.
T0278	106.472	03/14/1997	SDS and management of change (MOC) records.
T0301	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0302	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0303	106.472	03/14/1997	SDS and management of change (MOC) records.
T0304	106.472	03/14/1997	SDS and management of change (MOC) records.
T0305	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0306	106.472	03/14/1997	SDS and management of change (MOC) records.
T0307	106.472	03/14/1997	SDS and management of change (MOC) records.
T0308	106.472	03/14/1997	SDS and management of change (MOC) records.
T0309	106.472	03/14/1997	SDS and management of change (MOC) records.
T0313	106.472	03/14/1997	SDS and management of change (MOC) records.
T0314	106.472	03/14/1997	SDS and management of change (MOC) records.
T0407	106.472	03/14/1997	SDS and management of change (MOC) records.
T0409	106.472	03/14/1997	SDS and management of change (MOC) records.
T0410	106.472	03/14/1997	SDS and management of change (MOC) records.
T0413	106.472	03/14/1997	SDS and management of change (MOC) records.
T0414	106.472	03/14/1997	SDS and management of change (MOC) records.
T0415	106.472	09/04/2000	SDS and management of change (MOC) records.
T0416	106.472	03/14/1997	SDS and management of change (MOC) records.
T0417	106.472	03/14/1997	SDS and management of change (MOC) records.
T0418	106.472	09/04/2000	SDS and management of change (MOC) records.
T0419	106.472, 106.473	09/04/2000, 09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0420	106.472	03/14/1997	SDS and management of change (MOC) records.
T0421	106.472	03/14/1997	SDS and management of change (MOC) records.
T0422	106.472	03/14/1997	SDS and management of change (MOC) records.
T0423	106.472	03/14/1997	SDS and management of change (MOC) records.
T0424	106.472	03/14/1997	SDS and management of change (MOC) records.
T0425	106.472	03/14/1997	SDS and management of change (MOC) records.
T0427	106.472	03/14/1997	SDS and management of change (MOC) records.
T0432	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0434	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T0505	106.472	03/14/1997	SDS and management of change (MOC) records.
T0506	106.472	03/14/1997	SDS and management of change (MOC) records.
T0606	106.472	03/14/1997	SDS and management of change (MOC) records.
T0607	106.472	03/14/1997	SDS and management of change (MOC) records.
T0809	106.472	03/14/1997	SDS and management of change (MOC) records.
T0810	106.472	03/14/1997	SDS and management of change (MOC) records.
T0811	106.472	03/14/1997	SDS and management of change (MOC) records.
T0812	106.472	03/14/1997	SDS and management of change (MOC) records.
T0813	106.472	03/14/1997	SDS and management of change (MOC) records.
T0814	106.472	03/14/1997	SDS and management of change (MOC) records.
T0815	106.472	03/14/1997	SDS and management of change (MOC) records.
T0819	106.472	03/14/1997	SDS and management of change (MOC) records.
T0860	106.472	09/04/2000	SDS and management of change (MOC) records.

Permit By Rule Supplemental Table (Page 4)

**Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality**

Date	Permit Number	Regulated Entity Number
1/13/2025	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
T0861	106.472	09/04/2000	SDS and management of change (MOC) records.
T0862	106.472	09/04/2000	SDS and management of change (MOC) records.
T0863	106.472	09/04/2000	SDS and management of change (MOC) records.
T0864	106.472	09/04/2000	SDS and management of change (MOC) records.
T0865	106.472	09/04/2000	SDS and management of change (MOC) records.
T0866	106.472	09/04/2000	SDS and management of change (MOC) records.
T0867	106.472	09/04/2000	SDS and management of change (MOC) records.
T0868	106.472	09/04/2000	SDS and management of change (MOC) records.
T0869	106.472	09/04/2000	SDS and management of change (MOC) records.
T0870	106.472	09/04/2000	SDS and management of change (MOC) records.
T0871	106.472	09/04/2000	SDS and management of change (MOC) records.
T1001	106.472	03/14/1997	SDS and management of change (MOC) records.
T1002	106.472	03/14/1997	SDS and management of change (MOC) records.
T1005	106.472	03/14/1997	SDS and management of change (MOC) records.
T1006	106.472	03/14/1997	SDS and management of change (MOC) records.
T5102	106.473	09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T5200	106.473	09/04/2000	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6110	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6120	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6130	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6140	106.472, 106.473	03/14/1997, 03/14/1997	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
T6200	106.472	09/04/2000	SDS and management of change (MOC) records.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality**

Date: 01/13/2025	
Permit No.: O-01328	
Regulated Entity No.: 100219393	
Company Name: Nouryon Surface Chemistry LLC	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input type="checkbox"/> Renewal	
<input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1 (continued)
Texas Commission on Environmental Quality

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:

(Check the appropriate box[es].)

☒ VOC ☐ NO_x ☐ SO₂ ☐ PM₁₀ ☐ CO ☐ Pb ☐ HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-A	No	K-600 Unit	NA	19449	Incorporate by reference into the FOP the amendment of NSR Permit No. 19449 which was approved by TCEQ on 3/22/24.
2	MS-A	No	AOW Unit	NA	9600	Incorporate by reference into the FOP the amendment of NSR Permit No. 9600 which was approved by TCEQ on 5/13/2024.
3	MS-C	No	K-4/5 DRUMOFF	OP-2	106.472/09/04/2000	Remove from the permit since this unit ID is shut down.
4	MS-C	No	FUGA,300B	OP-2	562	Remove from the permit since this unit ID is shut down.
5	MS-C	Yes	R-400A	OP-2	563	Add unit ID R-400A back to the permit as it was inadvertently removed in the previous permit renewal. Forms UA15, OP-MON, and OP-REQ3 are included in this application.
6	MS-C	No	FUGR3,400B	OP-2	563	Change this unit ID to FUG3,400B. Also, remove 9600 from NSR authorizations for this unit ID.
7	MS-C	No	FUGR3,400	OP-2	563, 9600	Remove this unit ID from the permit as it is redundant to the unit ID shown above in Item 6.
8	MS-C	No	#1 RACK	OP-2	563	Change this unit ID to LO-R300.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
9	MS-C	No	R-3/4 L/O RACK	OP-2	563, 9600	Remove from the permit since this unit ID is shut down.
10	MS-C	No	R-300 DRUMOFF	OP-2	563	Remove from the permit since this unit ID is shut down.
11	MS-C	No	EV4	OP-2	9600, 56698	Add 56698 to the NSR authorizations for this unit ID.
12	MS-C	No	LOAD620-1	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 56699 from NSR authorizations for this unit ID.
13	MS-C	No	LOAD620-2	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Change the NSR authorization from 56697 to §106.472 and §106.473.
14	MS-C	No	EFL1	OP-2	9600	Change the emission unit name/description to "Truck Loading".
15	MS-C	No	EV3	OP-2	9600, 106.472/03/14/1997, 106.473/03/14/1997	Change the emission unit name/description to "Drum Loading".
16	MS-C	No	R-400 DRUMOFF	OP-2	9600, §106.472/09/04/2000, §106.473/09/04/2000	Remove from the permit since this unit ID is shut down.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
17	MS-C	No	R-400FUG	OP-2	9600	Remove from the permit since this unit ID is shut down.
18	MS-C	No	K-301	OP-2	80481	Remove from the permit since this unit ID is shut down.
19	MS-C	No	AOS L/O RACK	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9001 from NSR authorizations for this unit ID.
20	MS-C	No	EP-600-1	OP-15	19449	Add 30 TAC Chapter 111, Visible Emissions requirements for this unit ID. Forms OP-UA15, OP-MON, and OP-REQ3 are included in this application.
21	MS-C	No	EF001A	OP-UA12	9600	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application.
22	MS-C	No	FUGDBAREA	OP-UA12	56696	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application.
23	MS-C	No	FUGK600B	OP-UA12	19449	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
24	MS-C	No	FUGR1,200	OP-UA12	56694	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application.
25	MS-C	No	FUGR3,400B	OP-UA12	563	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application. (Please note that in Item 6 above, it is requested to change this Unit ID to FUG3,400B).
26	MS-C	No	T0006	OP-2	106.472/03/14/1997, 106.473/03/14/1997	Change the emission unit name/description to "Hold Tank". Also, because of a change in service, the applicable requirements for this storage need to be updated. Forms OP-UA3 and OP-REQ3 are included in this application. In addition, the Periodic Monitoring requirements no longer apply to it.
27	MS-C	No	T0012	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
28	MS-C	No	T0013	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
29	MS-C	No	T0020	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
30	MS-C	No	T0022	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
31	MS-C	No	T0023	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
32	MS-C	No	T0024	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
33	MS-C	No	T0049	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
34	MS-C	No	T0050	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
35	MS-C	No	T0120	OP-2	106.472/03/14/1997, 106.473/03/14/1997	Remove from the permit since this unit ID is shut down.
36	MS-C	No	T0121	OP-2	106.472/03/14/1997, 106.473/03/14/1997	Remove from the permit since this unit ID is shut down.
37	MS-C	No	T0167	OP-2	9600, §106.472/09/04/2000, §106.473/09/04/2000	Change the emission unit name/description to "Blend Tank".
38	MS-C	No	T0171	OP-2	106.261/11/01/2003, 106.262/11/01/2003	Remove from permit since this is a redundant unit to Unit ID K-201A, which is already in the permit. Also, this unit is not subject to 30 TAC Chapter 111, Visible Emissions requirements.
39	MS-C	No	T0205	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
40	MS-C	No	T0206	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
41	MS-C	No	T0207	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
42	MS-C	No	T0215	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
43	MS-C	No	T0217	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
44	MS-C	No	T0218	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank".
45	MS-C	No	T0276	OP-2	6450, 106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
46	MS-C	No	T0277	OP-2	§106.472/09/04/2000	Remove from the permit since this unit ID is shut down.
47	MS-C	No	T0310	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
48	MS-C	No	T0408	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
49	MS-C	No	T0415	OP-2	§106.472/09/04/2000	Change NSR authorization for this unit ID from 9001 to §106.472.
50	MS-C	No	T0416	OP-2	§106.472/03/14/1997	Remove 9001 from NSR authorizations for this unit ID.
51	MS-C	No	T0417	OP-2	§106.472/03/14/1997	Remove 9001 from NSR authorizations for this unit ID.
52	MS-C	No	T0418	OP-2	§106.472/09/04/2000	Change NSR authorization for this unit ID from 9001 to §106.472.
53	MS-C	No	T0419	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9001 from NSR authorizations for this unit ID.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
54	MS-C	No	T0591	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down.
55	MS-C	No	T4602	OP-2	19449	Remove since this is a redundant unit to Unit ID EP-600-1, which is already in the permit.
56	MS-C	No	T6200	OP-2	§106.472/09/04/2000	Change the NSR authorization from 56699 to §106.472.
57	MS-C	No	T6200	OP-2	§106.472/09/04/2000	Change the classification from process vent to storage tank in VOC service. Forms OP-UA3 and OP-REQ3 are included in this application. It is also no longer subject to the 30 TAC Chapter 111, Visible Emissions requirements. Therefore, the Periodic Monitoring requirements do not apply to it.
58	MS-C	No	EV2	OP-2	9600	Change the emission unit name/description to "Dioxane Stripper". ✓
59	MS-C	No	EV6	OP-2	§106.261/12/24/1998	Remove this unit ID from the permit as it is redundant to the unit ID shown above in Item 58. ✓
60	MS-C	No	SPOT 7B	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9600 from NSR authorizations for this unit ID. ✓

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	1/13/2025					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
61	MS-C	No	SPOT 8	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9600 from NSR authorizations for this unit ID. ✓
62	MS-C	No	SPOT 9	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Change the NSR authorization from 9600 to §106.472 and §106.473. ✓

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality**

Date: 01/13/2025	
Permit No.: O-01328	
Regulated Entity No.: 100219393	
Company Name: Nouryon Surface Chemistry LLC	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <input type="checkbox"/> YES <input type="checkbox"/> NO
B.	Indicate the alternate language(s) in which public notice is required:
C.	Will, there be a change in air pollutant emissions as a result of the significant revision? <input type="checkbox"/> YES <input type="checkbox"/> NO

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions

From: [Sepulveda, S. \(Sergio\)](#)
To: [Camilla Widenhofer](#)
Subject: RE: Technical Review - O1328 Nouryon Surface Chemistry LLC (Minor, 37460)
Date: Friday, January 24, 2025 10:22:25 AM
Attachments: [image001.png](#)
[General Process Description - Nouryon Houston Plant.pdf](#)
[OP-2 - \(Updated 1-13-25\).pdf](#)
[OP-SUMR \(Updated 1-13-25\).pdf](#)
[OP-PBRSUP \(1-13-25\).pdf](#)

Camilla,

Good morning !

Hope that the freeze didn't affect you and you are warm and cozy up there in Austin.

Please see the updated forms and general process description. Also please see below two comments after reviewing the draft permit.

1. FUG3,400B (9600 has not been removed as requested) Revision No. 6
2. T0167 (name has not been changed to "Blend Tank", as requested) Revision No. 37

Please let me know if you have questions or comments. If any of these forms need to be submitted through STEERS please let me know and I will do so.

Thank you !

Sergio E. Sepulveda
Environmental Manager
15200 Almeda Road
Houston, Texas 77053

T: (713) 434-4430
M: (713) 202-6599
E: sergio.sepulveda@nouryon.com

Nouryon
www.nouryon.com

-

From: Camilla Widenhofer camilla.widenhofer@tceq.texas.gov
Sent: Monday, January 6, 2025 9:30 AM
To: Sepulveda, S. (Sergio) sergio.sepulveda@nouryon.com
Subject: Technical Review - O1328 Nouryon Surface Chemistry LLC (Minor, 37460)

You don't often get email from camilla.widenhofer@tceq.texas.gov. [Learn why this is important](#)

>>>>>>>>>> Be cautious of links and attachments <<<<<<<<<<<

I hope you are doing well. I have been assigned to the Federal Operating Permit (FOP) revision application of Permit No. O1328 for Nouryon Surface Chemistry Houston Plant. This application has been assigned Project No. 37460. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

I have conducted a technical review of the application, and an electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided. Please review the WDP and submit to me any comments you have by **February 3, 2025**. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

—

- For any PBR updates you must submit the entire form for all PBRs at the site. Please submit form OP-PBRSUP to include ALL registered, claimed, and insignificant PBRs at the facility.
- Should the Process Description be updated for this facility? Here is the current Process Description:

The Nouryon Surface Chemistry Houston Plant consists of several process units. In the A-300 process, elemental sulfur is reacted with oxygen to produce SO_2 in the sulfur burner. In the presence of a catalyst, SO_2 is converted to SO_3 by reacting SO_2 with O_2 . SO_3 is then used to sulfonate dodecyl benzene or other organic compounds to produce sulfonic acid.

The K-300A process produces phenol formaldehyde resins in a heated reactor. The K-201A Reactor process makes amides, amide ester, ester amine, diamide, imidazoline and formaldehyde resins in a batch process. The K-300A and K-301 processes manufacture calcium sulfonates. The K-400B process makes phosphate esters. The K-500 process manufactures phosphate esters and amides. The EP-600-1 process produces phosphate esters, carboxylated nonionic surfactant, quarternary ammonium compounds, acid salts, and polymerization polyols.

The end products are surfactants, which are typically used in oil field, household and industrial cleaning, and agricultural applications.

Two Plant Boilers supply the plant with steam and burn natural gas only.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail

require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Happy New Year!

Sincerely,

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

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From: [Camilla Widenhofer](#)
To: sergio.sepulveda@nouryon.com
Subject: Technical Review - O1328 Nouryon Surface Chemistry LLC (Minor, 37460)
Date: Monday, January 6, 2025 9:30:00 AM
Attachments: [SOP - O1328 Nouryon Surface Chemistry LLC \(Minor, 37460\).docx](#)

Hello Sergio,

I hope you are doing well. I have been assigned to the Federal Operating Permit (FOP) revision application of Permit No. O1328 for Nouryon Surface Chemistry Houston Plant. This application has been assigned Project No. 37460. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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-

In addition to your review of the WDP, please address the following items:

- For any PBR updates you must submit the entire form for all PBRs at the site. Please submit form OP-PBRSUP to include ALL registered, claimed, and insignificant PBRs at the facility.
- Should the Process Description be updated for this facility? Here is the current Process Description:

The Nouryon Surface Chemistry Houston Plant consists of several process units. In the A-300 process, elemental sulfur is reacted with oxygen to produce SO₂ in the sulfur burner. In the presence of a catalyst, SO₂ is converted to SO₃ by reacting SO₂ with O₂. SO₃ is then used to sulfonate docetyl benzene or other organic compounds to produce sulfonic acid.

The K-300A process produces phenol formaldehyde resins in a heated reactor. The K-201A Reactor process makes amides, amide ester, ester amine, diamide, imidazoline and formaldehyde resins in a batch process. The K-300A and K-301 processes manufacture calcium sulfonates. The K-400B process makes phosphate esters. The K-500 process manufactures phosphate esters and amides. The EP-600-1 process produces phosphate esters, carboxylated nonionic surfactant, quarternary ammonium compounds, acid salts, and polymerization polyols.

The end products are surfactants, which are typically used in oil field, household and industrial cleaning, and agricultural applications.

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Happy New Year!

Sincerely,

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

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pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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-
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Happy New Year!

Sincerely,

-Camilla

Camilla Widenhofer
TCEQ Air Permits Division
P.O. Box 13087, MC 163
Austin, TX 78753
Phone: (512)239-1028
Fax: (512)239-1300
camilla.widenhofer@tceq.texas.gov

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Texas Commission on Environmental Quality

Title V Existing

1328

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	NOURYON SURFACE CHEMISTRY HOUSTON PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	15200 ALMEDA RD
City	HOUSTON
State	TX
ZIP	77053
County	FORT BEND
Latitude (N) (##.#####)	29.585555
Longitude (W) (-###.#####)	95.431111
Primary SIC Code	2843
Secondary SIC Code	
Primary NAICS Code	325613
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100219393
What is the name of the Regulated Entity (RE)?	NOURYON SURFACE CHEMISTRY
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	15200 ALMEDA RD
City	HOUSTON
State	TX
ZIP	77053
County	FORT BEND
Latitude (N) (##.#####)	29.58
Longitude (W) (-###.#####)	-95.43
Facility NAICS Code	
What is the primary business of this entity?	SPECIALTY CHEMICAL MFR SURFACE ACTIVE ORG CHEMICAL

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601580566
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Nouryon Surface Chemistry LLC
Texas SOS Filing Number	705853723
Federal Tax ID	831177040
State Franchise Tax ID	13643232690

State Sales Tax ID	
Local Tax ID	
DUNS Number	93195485
Number of Employees	501+
Independently Owned and Operated?	No
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	NOURYON SURFACE CHEMISTRY LLC
Prefix	MR
First	HEATH
Middle	
Last	HERBOLD
Suffix	
Credentials	
Title	SITE DIRECTOR
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	15200 ALMEDA RD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77053
Phone (###-###-####)	7134344280
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	heath.herbold@nouryon.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name	SERGIO SEPULVEDA(NOURYON SURFACE...)
Prefix	NOURYON SURFACE CHEMISTRY LLC
First	MR
Middle	SERGIO
Last	SEPULVEDA
Suffix	
Credentials	
Title	SR ENVIRONMENTAL ENGINEER
Enter new address or copy one from list:	

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	15200 ALMEDA RD
Routing (such as Mail Code, Dept., or Attn:)	
City	HOUSTON
State	TX
ZIP	77053
Phone (###-###-####)	7134344430
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	7134335489
E-mail	Sergio.sepulveda@nouryon.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	29 Deg 35 Min 8 Sec
3) Permit Longitude Coordinate:	95 Deg 25 Min 52 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Administrative Revision
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)	
Attach OP-2 (Application for Permit Revision/Renewal)	
[File Properties]	
File Name	OP_2_Nouryon Title V Minor Revision Application.pdf
Hash	D654B63AC5017365F77939899CA7C094EA193DAFBF26DB57A772D4B2451555A3
MIME-Type	application/pdf
Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)	
Attach OP-REQ2 (Negative Applicable Requirement Determinations)	
Attach OP-REQ3 (Applicable Requirements Summary)	
Attach OP-PBRSUP (Permits by Rule Supplemental Table)	

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

An additional space to attach any other necessary information needed to complete the permit.

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

Certification

I certify that I am the Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Sergio E Sepulveda, the owner of the STEERS account ER020661.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1328.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Sergio E Sepulveda OWNER OPERATOR

Account Number: ER020661

Signature IP Address: 165.225.32.177

Signature Date: 2024-12-04

Signature Hash: 05BB15CA0DFFAC6552F18EC7A09B5BCE0219CB1B088EC00CE7C1AE6B581C654

Form Hash Code at time of Signature: 3C717DD1D4956E5931F4190AC32ED4E3BBE4727C88902ABD54F2CE026D012F99

Submission

Reference Number:	The application reference number is 715758
Submitted by:	The application was submitted by ER020661/Sergio E Sepulveda
Submitted Timestamp:	The application was submitted on 2024-12-04 at 09:58:05 CST
Submitted From:	The application was submitted from IP address 165.225.32.177
Confirmation Number:	The confirmation number is 589871
Steers Version:	The STEERS version is 6.83
Permit Number:	The permit number is 1328

Additional Information

Application Creator: This account was created by Sergio E Sepulveda

December 2, 2024

Texas Commission on Environmental Quality (TCEQ)
Air Permit Initial Review Team MC-163
P.O. Box 13087
Austin, TX 78711-3087

Nouryon Surface Chemistry LLC – CN601580566
Nouryon Surface Chemistry LLC, Houston Plant – RN100219393
Federal Operating Permit No. O-01328, Minor Revision Application

To Whom It May Concern:

Introduction

Please find attached to this letter a minor revision application for Federal Operating Permit (FOP) No. O-01328 for Nouryon Surface Chemistry LLC's Houston Facility. Nouryon is revising the FOP to incorporate NSR Permits that have recently been amended, remove unit IDs that are permanently shut down, add a new unit ID, and update regulatory requirements and NSR authorizations for some units.

Attachments

The following forms are included in this application:

- Form OP-CRO1
- Form OP-ACPS
- Form OP-2
- Form OP-SUMR
- Form OP-UA3
- Form OP-UA12
- Form OP-UA15
- Form OP-MON
- FORM OP-PBRSUP (Updates Only)
- Form OP-REQ1
- Form OP-REQ3

Future Contact

For future correspondence, please contact:
Sergio E. Sepulveda (713) 434-4430 or
Fax (713) 433-5489 or
e-mail sergio.sepulveda@nouryon.com

Sincerely,



Sergio E. Sepulveda
Environmental Manager
Nouryon Surface Chemistry LLC, Houston TX

cc: TCEQ – Air Section Manager, Region 12 w/attachments
5425 Polk St., Suite H, Houston, TX 77023-1452

EPA Region 6 (Electronic Copy)
Air Permits Section, Operating Permits (Title V)
1201 Elm Street, Suite 500, Dallas, TX 75270
Email: r6airpermitstx@epa.gov

Federal Operating Permit No. O-01328
Minor Revision Application

Nouryon Surface Chemistry LLC – CN601580566
Houston Plant – RN100219393

December 2, 2024


Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. Identifying Information
RN: 100219393
CN: 601580566
Account No.: FG-0042-L
Permit No.: O-01328
Project No.: TBA
Area Name: Nouryon Surface Chemistry LLC, Houston Plant
Company Name: Nouryon Surface Chemistry LLC
II. Certification Type <i>(Please mark appropriate box)</i>
<input checked="" type="checkbox"/> Responsible Official Representative <input type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other: _____

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of Truth			
This certification does not extend to information which is designated by TCEQ as information for reference only.			
I, <u>Heath Herbold</u> certify that I am the <u>RO</u>			
<i>(Certifier Name printed or typed)</i>		<i>(RO or DAR)</i>	
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete: <i>Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>			
Time Period: From _____ to _____			
<i>(Start Date)</i>		<i>(End Date)</i>	
Specific Dates: <u>12-02-2024</u> _____			
<i>(Date 1)</i>		<i>(Date 2)</i>	<i>(Date 3)</i>
<i>(Date 4)</i>		<i>(Date 5)</i>	
<i>(Date 6)</i>			
Signature: <u></u>		Signature Date: <u>12/2/2024</u> Title: _____	
Title: Site Director _____			

Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC		Area Name: Nouryon Surface Chemistry LLC, Houston Plant

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

Part 1



A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	
<p><small>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</small></p> <p><small>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</small></p>	

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality**

Date: 12/02/2024	
Permit No.: O-01328	
Regulated Entity No.: 100219393	
Company Name: Nouryon Surface Chemistry LLC	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input type="checkbox"/> Renewal	
<input checked="" type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only	<input type="checkbox"/> YES <input type="checkbox"/> NO

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1 (continued)
Texas Commission on Environmental Quality

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:

(Check the appropriate box[es].)

☒ VOC ☐ NO_x ☐ SO₂ ☐ PM₁₀ ☐ CO ☐ Pb ☐ HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	12/02/2024					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-A	No	K-600 Unit	NA	19449	Incorporate by reference into the FOP the amendment of NSR Permit No. 19449 which was approved by TCEQ on 3/22/24. ✓
2	MS-A	No	AOW Unit	NA	9600	Incorporate by reference into the FOP the amendment of NSR Permit No. 9600 which was approved by TCEQ on 5/13/2024. ✓
3	MS-C	No	K-4/5 DRUMOFF	OP-2	106.472/09/04/2000	Remove from the permit since this unit ID is shut down. ✓
4	MS-C	No	FUGA,300B	OP-2	562	Remove from the permit since this unit ID is shut down. ✓
5	MS-C	Yes	R-400A	OP-2	563	Add unit ID R-400A back to the permit as it was inadvertently removed in the previous permit renewal. Forms UA15, OP-MON, and OP-REQ3 are included in this application. ✓
6	MS-C	No	FUGR3,400B	OP-2	563	Change this unit ID to FUG3,400B. Also, remove 9600 from NSR authorizations for this unit ID. ✓
7	MS-C	No	FUGR3,400	OP-2	563, 9600	Remove this unit ID from the permit as it is redundant to the unit ID shown above in Item 6. ✓

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	12/02/2024					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
8	MS-C	No	#1 RACK	OP-2	563	Change this unit ID to LO-R300. ✓
9	MS-C	No	R-3/4 L/O RACK	OP-2	563, 9600	Remove from the permit since this unit ID is shut down. ✓
10	MS-C	No	R-300 DRUMOFF	OP-2	563	Remove from the permit since this unit ID is shut down. ✓
11	MS-C	No	EV4	OP-2	9600, 56698	Add 56698 to the NSR authorizations for this unit ID. ✓
12	MS-C	No	LOAD620-1	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 56699 from NSR authorizations for this unit ID. ✓
13	MS-C	No	LOAD620-2	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Change the NSR authorization from 56697 to §106.472 and §106.473. ✓
14	MS-C	No	EFL1	OP-2	9600	Change the emission unit name/description to "Truck Loading". ✓
15	MS-C	No	EV3	OP-2	9600, 106.472/03/14/1997, 106.473/03/14/1997	Change the emission unit name/description to "Drum Loading". ✓

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	12/02/2024					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
16	MS-C	No	R-400 DRUMOFF	OP-2	9600, §106.472/09/04/2000, §106.473/09/04/2000	Remove from the permit since this unit ID is shut down. ✓
17	MS-C	No	R-400FUG	OP-2	9600	Remove from the permit since this unit ID is shut down. ✓
18	MS-C	No	K-301	OP-2	80481	Remove from the permit since this unit ID is shut down. ✓
19	MS-C	No	AOS L/O RACK	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9001 from NSR authorizations for this unit ID. ✓
20	MS-C	No	EP-600-1	OP-15	19449	Add 30 TAC Chapter 111, Visible Emissions requirements for this unit ID. Forms OP-UA15, OP-MON, and OP-REQ3 are included in this application. ✓
21	MS-C	No	EF001A	OP-UA12	9600	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application. ✓
22	MS-C	No	FUGDBAREA	OP-UA12	56696	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application. ✓

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	12/02/2024					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
23	MS-C	No	FUGK600B	OP-UA12	19449	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application. ✓
24	MS-C	No	FUGR1,200	OP-UA12	56694	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application. ✓
25	MS-C	No	FUGR3,400B	OP-UA12	563	Add 30 TAC Chapter 115, Fugitive Emissions Control requirements for this unit ID. Forms OP-UA12 and OP-REQ3 are included in this application. (Please note that in Item 6 above, it is requested to change this Unit ID to FUG3,400B). ✓
26	MS-C	No	T0006	OP-2	106.472/03/14/1997, 106.473/03/14/1997	Change the emission unit name/description to "Hold Tank". Also, because of a change in service, the applicable requirements for this storage need to be updated. Forms OP-UA3 and OP-REQ3 are included in this application. In addition, the Periodic Monitoring requirements no longer apply to it. ✓

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	12/02/2024					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
27	MS-C	No	T0012	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down. ✓
28	MS-C	No	T0013	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
29	MS-C	No	T0020	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
30	MS-C	No	T0022	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
31	MS-C	No	T0023	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
32	MS-C	No	T0024	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
33	MS-C	No	T0049	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
34	MS-C	No	T0050	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
35	MS-C	No	T0120	OP-2	106.472/03/14/1997, 106.473/03/14/1997	Remove from the permit since this unit ID is shut down. ✓
36	MS-C	No	T0121	OP-2	106.472/03/14/1997, 106.473/03/14/1997	Remove from the permit since this unit ID is shut down. ✓
37	MS-C	No	T0167	OP-2	9600, § 106.472/09/04/2000, § 106.473/09/04/2000	Change the emission unit name/description to "Blend Tank". ✓

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	12/02/2024					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
38	MS-C	No	T0171	OP-2	106.261/11/01/2003, 106.262/11/01/2003	Remove from permit since this is a redundant unit to Unit ID K-201A, which is already in the permit. Also, this unit is not subject to 30 TAC Chapter 111, Visible Emissions requirements. ✓
39	MS-C	No	T0205	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
40	MS-C	No	T0206	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
41	MS-C	No	T0207	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
42	MS-C	No	T0215	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
43	MS-C	No	T0217	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
44	MS-C	No	T0218	OP-2	106.472/03/14/1997	Change the emission unit name/description to "Hold Tank". ✓
45	MS-C	No	T0276	OP-2	6450, 106.472/03/14/1997	Remove from the permit since this unit ID is shut down. ✓
46	MS-C	No	T0277	OP-2	§106.472/09/04/2000	Remove from the permit since this unit ID is shut down. ✓
47	MS-C	No	T0310	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down. ✓
48	MS-C	No	T0408	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down. ✓

TCEQ-10059 (APDG 5722v26, revised 03/22) OP-2

This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V release 03/10)

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	12/02/2024					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
49	MS-C	No	T0415	OP-2	§106.472/09/04/2000	Change NSR authorization for this unit ID from 9001 to §106.472. ✓
50	MS-C	No	T0416	OP-2	§106.472/03/14/1997	Remove 9001 from NSR authorizations for this unit ID. ✓
51	MS-C	No	T0417	OP-2	§106.472/03/14/1997	Remove 9001 from NSR authorizations for this unit ID. ✓
52	MS-C	No	T0418	OP-2	§106.472/09/04/2000	Change NSR authorization for this unit ID from 9001 to §106.472. ✓
53	MS-C	No	T0419	OP-2	§106.472/09/04/2000, §106.473/09/04/2000	Remove 9001 from NSR authorizations for this unit ID. ✓
54	MS-C	No	T0591	OP-2	106.472/03/14/1997	Remove from the permit since this unit ID is shut down. ✓
55	MS-C	No	T4602	OP-2	19449	Remove since this is a redundant unit to Unit ID EP-600-1, which is already in the permit. ✓
56	MS-C	No	T6200	OP-2	§106.472/09/04/2000	Change the NSR authorization from 56699 to §106.472. ✓

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	12/02/2024					
Permit No.:	O-01328					
Regulated Entity No.:	100219393					
Company Name:	Nouryon Surface Chemistry LLC					
Using the table below, provide a description of the revision.						
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
57	MS-C	No	T6200	OP-2	§106.472/09/04/2000	Change the classification from process vent to storage tank in VOC service. Forms OP-UA3 and OP-REQ3 are included in this application. It is also no longer subject to the 30 TAC Chapter 111, Visible Emissions requirements. Therefore, the Periodic Monitoring requirements do not apply to it.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 3
Texas Commission on Environmental Quality**

Date: 12/02/2024	
Permit No.: O-01328	
Regulated Entity No.: 100219393	
Company Name: Nouryon Surface Chemistry LLC	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <input type="checkbox"/> YES <input type="checkbox"/> NO
B.	Indicate the alternate language(s) in which public notice is required:
C.	Will, there be a change in air pollutant emissions as a result of the significant revision? <input type="checkbox"/> YES <input type="checkbox"/> NO

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR

[Table 1](#)

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	3	K-4/5 DRUMOFF	OP-2	K-400/500 Drumoff		106.472/09/04/2000	
D	4	FUGA,300B	OP-2	K400, K500 Fugitives		562	
A	5	R-400A	OP-UA15	Reactor Caustic Scrubber		563	
D	7	FUGR3,400	OP-2	R300, R400 Fugitives		563, 9600	
D	9	R-3/4 L/O RACK	OP-2	R-300/400 Tank Truck Loading Rack		563, 9600	
D	10	R-300 DRUMOFF	OP-2	R-300 Drumoff		563	
D	16	R-400 DRUMOFF	OP-2	R-400 Drumoff		9600, §106.472/09/04/2000, §106.473/09/04/2000	
D	17	R-400FUG	OP-2	Fugitives		9600	
D	18	K-301	OP-2	Kettle K-301 Scrubber		80481	
D	27	T0012	OP-2	Tank		106.472/03/14/1997	
D	35	T0120	OP-2	Recycled MEOH		106.472/03/14/1997, 106.473/03/14/1997	
D	36	T0121	OP-2	Recycled MEOH		106.472/03/14/1997, 106.473/03/14/1997	
D	38	T0171	OP-2	K201 Blowdown Tank Process Vent		106.261/11/01/2003, 106.262/11/01/2003	
D	45	T0276	OP-2	Hold Tank		6450, 106.472/03/14/1997	
D	46	T0277	OP-2	Sodium Bicarb		§106.472/09/04/2000	
D	47	T0310	OP-2	Aromatic 150		106.472/03/14/1997	

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR

[Table 1](#)

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	48	T0408	OP-2	Hold Tank		106.472/03/14/1997	
D	54	T0591	OP-2	Hold Tank		106.472/03/14/1997	
D	55	T4602	OP-2	K600 BDT Process Vent		19449	

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 4)
Federal Operating Permit Program
Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP/GOP Index No.	Alternate Control Requirement	ACR ID No.	Product Stored	Storage Capacity	Throughput	Potential to Emit	Uncontrolled Emissions
✓ T0006	R5111-1	NO		VOC1	A1K-25K			
✓ T6200	R5111-1	NO		VOC1	A1K-25K			

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 5)
Federal Operating Permit Program
Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP/GOP Index No.	Construction Date	Tank Description	True Vapor Pressure	Primary Seal	Secondary Seal	Control Device Type	Control Device ID No.
✓ T0006	R5111-1		SFP1	1-				
✓ T6200	R5111-1		SFP1	1-				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 11)**

Federal Operating Permit Program

Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP/GOP Index No.	Title 30 TAC § 115.352 Applicable	< 250 Components at Site	Weight Percent VOC	Reciprocating Compressors or Positive Displacement Pumps
EF001A	R5352ALL	PETCHEM	NO	10+	NO
FUGDBAREA	R5352ALL	PETCHEM	NO	10+	NO
FUGK600B	R5352ALL	PETCHEM	NO	10+	NO
FUGR1,200	R5352ALL	PETCHEM	NO	10+	NO
FUGR3,400B	R5352ALL	PETCHEM	NO	10+	NO

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 12)
Federal Operating Permit Program**

**Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas
Texas Commission on Environmental Quality**



Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP/GOP Index No.	Rupture Disks	Instrumentation Systems	Sampling Connection Systems	TVP \leq 0.002 psia
EF001A	R5352ALL	YES	YES	YES	YES
FUGDBAREA	R5352ALL	YES	YES	YES	YES
FUGK600B	R5352ALL	YES	YES	YES	YES
FUGR1,200	R5352ALL	YES	YES	YES	YES
FUGR3,400B	R5352ALL	YES	YES	YES	YES

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 13)
Federal Operating Permit Program**

**Table 2c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas
Texas Commission on Environmental Quality**



Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components
		Process Drains	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F
EF001A	R5352ALL	NO				
FUGDBAREA	R5352ALL	NO				
FUGK600B	R5352ALL	NO				
FUGR1,200	R5352ALL	NO				
FUGR3,400B	R5352ALL	NO				

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 14)
Federal Operating Permit Program**

**Table 2d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas
Texas Commission on Environmental Quality**



Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352		Fugitive Unit	Components (continued)		
		Pressure Relief Valves	ACR	ACR ID No.	Complying with §115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68° F	TVP of Process Fluid VOC > 0.044 psia at 68° F
EF001A	R5352ALL	YES	NO		YES	YES	YES
FUGDBAREA	R5352ALL	YES	NO		YES	YES	YES
FUGK600B	R5352ALL	YES	NO		YES	YES	YES
FUGR1,200	R5352ALL	YES	NO		YES	YES	YES
FUGR3,400B	R5352ALL	YES	NO		YES	YES	YES

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 15)**

Federal Operating Permit Program

Table 2e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas**

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352 Fugitive Unit Components (continued)					
		Open-ended Valves and Lines	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
EF001A	R5352ALL	YES	NO		YES	YES	YES
FUGDBAREA	R5352ALL	YES	NO		YES	YES	YES
FUGK600B	R5352ALL	YES	NO		YES	YES	YES
FUGR1,200	R5352ALL	YES	NO		YES	YES	YES
FUGR3,400B	R5352ALL	YES	NO		YES	YES	YES

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 16)
Federal Operating Permit Program**

**Table 2f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas
Texas Commission on Environmental Quality**



Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components (continued)	
		Valves (other than pressure relief and open-ended)	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
EF001A	R5352ALL	YES	NO		YES	YES	YES
FUGDBAREA	R5352ALL	YES	NO		YES	YES	YES
FUGK600B	R5352ALL	YES	NO		YES	YES	YES
FUGR1,200	R5352ALL	YES	NO		YES	YES	YES
FUGR3,400B	R5352ALL	YES	NO		YES	YES	YES

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 17)
Federal Operating Permit Program**

**Table 2g: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas
Texas Commission on Environmental Quality**



Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components (continued)	
		Flanges	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
EF001A	R5352ALL	YES	NO		YES	YES	YES
FUGDBAREA	R5352ALL	YES	NO		YES	YES	YES
FUGK600B	R5352ALL	YES	NO		YES	YES	YES
FUGR1,200	R5352ALL	YES	NO		YES	YES	YES
FUGR3,400B	R5352ALL	YES	NO		YES	YES	YES

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 18)
Federal Operating Permit Program**

**Table 2h: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing,
and Petrochemical Processes in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**



Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components	(continued)
		Agitators	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
EF001A	R5352ALL	YES	NO		YES	YES	YES
FUGDBAREA	R5352ALL	YES	NO		YES	YES	YES
FUGK600B	R5352ALL	YES	NO		YES	YES	YES
FUGR1,200	R5352ALL	YES	NO		YES	YES	YES
FUGR3,400B	R5352ALL	YES	NO		YES	YES	YES

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 19)
Federal Operating Permit Program**

**Table 2i: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas
Texas Commission on Environmental Quality**



Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352				Fugitive Unit	Components	(continued)	
		Compressor Seals	ACR	ACR ID No.	Complying with § 115.352(1)	Hydrogen Content to Exceed 50% by Volume	Shaft Seal System	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
EF001A	R5352ALL	YES	NO		YES	NO	YES	YES	YES
FUGDBAREA	R5352ALL	NO							
FUGK600B	R5352ALL	NO							
FUGR1,200	R5352ALL	NO							
FUGR3,400B	R5352ALL	NO							

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 20)
Federal Operating Permit Program**

**Table 2j: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing,
and Petrochemical Processes in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**



Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352		Fugitive Unit		Components (continued)		
		Pump Seals	ACR	ACR ID No.	Complying with § 115.352(1)	Shaft Seal System	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F
EF001A	R5352ALL	YES	NO		YES	YES	YES	YES
FUGDBAREA	R5352ALL	YES	NO		YES	YES	YES	YES
FUGK600B	R5352ALL	YES	NO		YES	YES	YES	YES
FUGR1,200	R5352ALL	YES	NO		YES	YES	YES	YES
FUGR3,400B	R5352ALL	YES	NO		YES	YES	YES	YES

Fugitive Emission Unit Attributes**Form OP-UA12 (Page 21)****Federal Operating Permit Program****Table 2k: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)****Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone
Nonattainment Areas****Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Unit ID No.	SOP Index No.	Components Utilizing Alternative Work Practice in § 115.358	Title 30 TAC § 115.358 Fugitive Unit Description
EF001A	R5352ALL	NO	FUGITIVES
FUGDBAREA	R5352ALL	NO	DB-50, DB-100, DB-200 & TANK AREA FUGITIVES
FUGK600B	R5352ALL	NO	K600 FUGITIVES
FUGR1,200	R5352ALL	NO	R-100 AND R-200 UNITS AND TANK AREA FUGITIVES
FUGR3,400B	R5352ALL	NO	R300, R400 FUGITIVES

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)
Subchapter A: Visible Emissions
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
EP-600-1	R111-1	NO		OTHER	EDEX	72+	100- ✓

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes

Form OP-UA15 (Page 3)

Federal Operating Permit Program

Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

Subchapter B: Vent Gas Control

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
✓ R-400A	R5121-1	NO	NO	REGVAPPL				

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 4)
Federal Operating Permit Program
Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
✓ R-400A	R5121-1	NONE		OTHER	Z5400

**Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions**



I. Identifying Information		
Account No.: FG-0042-L	RN No.: 100219393	CN: 601580566
Permit No.: O-01328	Project No.: TBA	
Area Name: Nouryon Surface Chemistry LLC, Houston Plant		
Company Name: Nouryon Surface Chemistry LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 5		
Unit/EPN/Group/Process ID No.: R-400A		
Applicable Form: OP-2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 115, Vent Gas Control		
SOP/GOP Index No.: R5121-1		
Pollutant: VOC		
Main Standard: §115.121(a)(1)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-V-023		
Deviation Limit: Minimum pH = 13 (measured as 5% caustic)		
CAM/PM Option No.: PM-V-024		
Deviation Limit: Minimum Liquid Flow Rate = 11 gpm		
V. Control Device Information		
Control Device ID No.: Z5400		
Control Device Type: ABSOR1		

**Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 1)
Federal Operating Permit Program
Table 1a: CAM/PM Additions**



I. Identifying Information		
Account No.: FG-0042-L	RN No.: 100219393	CN: 601580566
Permit No.: O-01328	Project No.: TBA	
Area Name: Nouryon Surface Chemistry LLC, Houston Plant		
Company Name: Nouryon Surface Chemistry LLC		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 20		
Unit/EPN/Group/Process ID No.: EP-600-1		
Applicable Form: OP-2		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R111-1		
Pollutant: Opacity		
Main Standard: §111.111(a)(1)(B)		
IV. Title V Monitoring Information		
Monitoring Type: PM		
Unit Size:		
CAM/PM Option No.: PM-P-002		
Deviation Limit: Maximum Opacity = 20% averaged over a six-minute period		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.: Z4606		
Control Device Type: ABSOR1		

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
12/02/2024	O-01328	100219393

Unit ID No.	Registration No.	PBR No.	Registration Date
K201 Unit	100072	106.261, 106.262	03/19/2024
Product C-5906 Blending	175881	106.261	04/17/2024

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
12/02/2024	O-01328	100219393

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
K201 Unit	106.261, 106.262	100072	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.
Product C-5906 Blending	106.261	175881	Unit specs (P&ID), SDS, manufacturing procedures and management of change (MOC) records. Also, records of loading rates on a monthly basis.

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 1)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆ 1.	The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "No," go to Question I.A.6. If the response to Question I.A.1 is "No" and the response to Question I.A.2 is "Yes," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5.	Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 8.	Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 9.	The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 2)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots		
1. Items a - d determine applicability of any of these requirements based on geographical location.		
◆	a. The application area is located within the city of El Paso.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>If there is any "Yes" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "No," go to Section I.C.</i>		
2. Items a - d determine the specific applicability of these requirements.		
◆	a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆	d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> Yes <input type="checkbox"/> No
C. Emissions Limits on Nonagricultural Processes		
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "No," go to Question I.C.4.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 3)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
C. Emissions Limits on Nonagricultural Processes (continued)		
4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "No," go to Question I.C.7.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "No," go to Section I.D.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> Yes <input type="checkbox"/> No
D. Emissions Limits on Agricultural Processes		
1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
E. Outdoor Burning		
◆ 1.	Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "No," go to Section II.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 4)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/02/2024	O-01328	100219393

For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
E. Outdoor Burning (continued)		
◆ 5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds		
A. Temporary Fuel Shortage Plan Requirements		
1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds		
A. Applicability		
◆ 1.	The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "No," go to Section IV.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Storage of Volatile Organic Compounds		
◆ 1.	The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
C. Industrial Wastewater		
1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "No" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "Yes" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "Yes," go to Section III.D.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "Yes," go to Section III.D.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> Yes <input type="checkbox"/> No
D. Loading and Unloading of VOCs		
◆ 1.	The application area includes VOC loading operations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "No," go to Section III.E.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
D. Loading and Unloading of VOCs (continued)		
◆ 3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities		
◆ 1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "No," go to Section III.F.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No
◆ 2.	Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> No
◆ 3.	All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "Yes," go to Section III.F.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "No," go to Question III.E.9.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	At facilities located in a covered attainment county other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "Yes," go to Section III.F.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆ 8.	At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "Yes," go to Section III.F.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆ 1.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)		
◆ 2.	Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A was NO
◆ 3.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆ 1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "No" or "N/A," go to Section III.H.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 3.	The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and III.G.3 are both "No," go to Section III.H.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 5.	The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
H. Control of Reid Vapor Pressure (RVP) of Gasoline		
◆ 1.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
◆ 2.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> Yes <input type="checkbox"/> No
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries		
1.	The application area is located at a petroleum refinery.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Surface Coating Processes (Complete this section for GOP applications only.)		
◆ 1.	Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
K. Cutback Asphalt		
1.	Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
3.	Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "No," go to Section III.L.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5.	The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> Yes <input type="checkbox"/> No
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels		
◆ 1.	The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "No" or "N/A," go to Section III.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "Yes," go to Section III.M.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)		
◆ 3.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 4.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 5.	Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 7.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
M. Petroleum Dry Cleaning Systems		
1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum-based solvents.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
N. Vent Gas Control (Highly Reactive Volatile Organic Compounds (HRVOC))		
1.	The application area includes one or more vent gas streams containing HRVOC.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "No" or "N/A," go to Section III.O. If the response to Question III.N.1 is "Yes," continue with Question III.N.3.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
3.	All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "Yes," go to Section III.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> Yes <input type="checkbox"/> No
O. Cooling Tower Heat Exchange Systems (HRVOC)		
1.	The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds		
A. Applicability		
◆ 1.	<p>The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area.</p> <p><i>For SOP applications, if the response to Question IV.A.1 is "Yes," complete Sections IV.B - IV.F and IV.H.</i></p> <p><i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "Yes," go to Section IV.F.</i></p> <p><i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "Yes," complete Sections IV.C and IV.F.</i></p> <p><i>For GOP applications, if the response to Question IV.A.1 is "No," go to Section VI.</i></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	<p>The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln.</p> <p><i>If the response to Question IV.A.2 is "Yes," go to Question IV.H.1.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	<p>The application area includes a utility electric generator in an east or central Texas county.</p> <p><i>See instructions for a list of counties included.</i></p> <p><i>If the response to Question IV.A.3 is "Yes," go to Question IV.G.1.</i></p> <p><i>If the responses to Questions IV.A.1 - 3 are all "No," go to Question IV.H.1.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
B. Utility Electric Generation in Ozone Nonattainment Areas		
1.	<p>The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300.</p> <p><i>If the response to Question IV.B.1 is "No," go to Question IV.C.1.</i></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	<p>The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas		
◆ 1.	The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1 is "No," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "No," go to Section IV.F.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO
◆ 2.	The application area is located at a site that was a major source of NO _x before November 15, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> Yes <input type="checkbox"/> No
D. Adipic Acid Manufacturing		
1.	The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas		
1.	The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines		
◆ 1.	The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <i>For SOP applications, if the response to Question IV.F.1 is "No," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "No," go to Section VI.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)		
◆ 4.	The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "No," go to Section IV.G.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7.	An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	An ACSS for ammonia (NH ₃) has been approved?	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
G. Utility Electric Generation in East and Central Texas		
1.	The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "No," go to Question IV.H.1.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> Yes <input type="checkbox"/> No
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
1.	The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "No," go to Section V.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "No," go to Section V.B.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> Yes <input type="checkbox"/> No
B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "No," go to Section V.C.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> Yes <input type="checkbox"/> No

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)		
C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings		
1.	The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "No," go to Section V.D.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	<input type="checkbox"/> Yes <input type="checkbox"/> No
D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings		
1.	The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
E. Subpart F - Control of Evaporative Emissions from New and In-Use Portable Fuel Containers		
1.	The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "No," go to Section VI.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards		
A. Applicability		
◆ 1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "No," go to Section VII.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants	
1. The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "No," go to Section VI.C.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "No," go to Section VI.C.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "Yes," go to Section VI.C.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "No," go to Section VI.C.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> Yes <input type="checkbox"/> No
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)	
◆ 1. The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "No" or "N/A," go to Section VI.E.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "No," go to Section VI.E.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3. One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4. The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)		
◆ 5.	One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> Yes <input type="checkbox"/> No
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals		
1.	The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "No," go to Section VI.E.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	<input type="checkbox"/> Yes <input type="checkbox"/> No
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions		
◆ 1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)		
◆ 4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "No," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 5.	Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below	
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants		
1.	The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "No," go to Section VI.G.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> Yes <input type="checkbox"/> No
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems		
1.	The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes storm water sewer systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)		
3.	The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes non-contact cooling water systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes completely closed drain systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004		
◆ 1.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "No," go to Question VI.H.4.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "No," go to Section VI.I.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)		
◆ 5.	The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "No," go to Question VI.H.7.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 8.	All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001		
◆ 1.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "No," go to Question VI.I.4.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)		
◆ 3.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "No," go to Section VI.J.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5.	The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "No," go to VI.I.7.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 8.	All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006		
◆ 1.	The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "No," go to Question VI.J.4.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4 is "No," go to Section VI.K.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5.	The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "No," go to Question VI.J.7.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)		
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)		
◆ 8.	All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 9.	The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 10.	The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution		
◆ 1.	The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants		
A. Applicability		
◆ 1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "No" or "N/A," go to Section VIII.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride		
1.	The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> Yes <input type="checkbox"/> No
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)		
◆ 1.	The application area includes equipment in benzene service.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "No," go to Section VII.E.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> Yes <input type="checkbox"/> No
E. Subpart M - National Emission Standard for Asbestos	
Applicability	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "No," go to Section VII.F.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Roadway Construction	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Manufacturing Commercial Asbestos	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "No," go to Question VII.E.4.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Manufacturing Commercial Asbestos (continued)</i>	
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> Yes <input type="checkbox"/> No
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> Yes <input type="checkbox"/> No
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles	<input type="checkbox"/> Yes <input type="checkbox"/> No
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Asbestos Spray Application</i>	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "No," go to Question VII.E.5.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "Yes," go to Question VII.E.5.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> Yes <input type="checkbox"/> No
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Asbestos Spray Application (continued)</i>	
d. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> Yes <input type="checkbox"/> No
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> Yes <input type="checkbox"/> No
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Fabricating Commercial Asbestos</i>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "No," go to Question VII.E.6.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> Yes <input type="checkbox"/> No
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> Yes <input type="checkbox"/> No
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Fabricating Commercial Asbestos (continued)</i>	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Non-sprayed Asbestos Insulation</i>	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Asbestos Conversion</i>	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> Yes <input type="checkbox"/> No
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> Yes <input type="checkbox"/> No
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "No," go to Section VII.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)		
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)		
3.	The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No
H. Subpart FF - National Emission Standard for Benzene Waste Operations		
Applicability		
1.	The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.	The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "No," go to Section VIII.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "Yes," go to Section VIII.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "Yes," go to Section VIII</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "Yes," go to Section VIII.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "No," go to Question VII.H.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "No," go to Question VII.H.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "Yes," go to Question VII.H.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "No," go to Question VII.H.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "Yes," go to Question VII.H.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "No," go to Question VII.H.22.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
<i>Individual Drain Systems (continued)</i>	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "No," go to Question VII.H.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Remediation Activities</i>	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "No," go to Section VIII.D.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)	
2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). <i>If the response to Question VIII.B.2 is "No," go to Section VIII.D.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater		
Applicability		
1.	The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "No," go to Section VIII.D.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "No," go to Question VIII.C.8.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard piping.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "No," go to Question VIII.C.8.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Vapor Collection and Closed Vent Systems		
6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)		
<i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i>		
8.	The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <i>If the response to Question VIII.C.8 is "No," go to Question VIII.C.11.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Transfer Racks</i>		
11.	The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Process Wastewater Streams</i>		
12.	The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "No," go to Question VIII.C.34.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "No," go to Question VIII.C.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "No," go to Question VIII.C.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "No," go to Question VIII.C.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> Yes <input type="checkbox"/> No
19. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> Yes <input type="checkbox"/> No
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> Yes <input type="checkbox"/> No
22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> Yes <input type="checkbox"/> No
23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "Yes," go to Question VIII.C.34.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "No," go to Question VIII.C.27.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No
28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "No," go to Question VIII.C.30.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
29. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Drains</i>	
31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "No," go to Question VIII.C.34.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No
33. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> Yes <input type="checkbox"/> No
34. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.34 is "No," go to Question VIII.C.39.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.35 is "No," go to Question VIII.C.39.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
36. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)	
<i>Drains (continued)</i>	
37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Gas Streams</i>	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> Yes <input type="checkbox"/> No
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> Yes <input type="checkbox"/> No
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities		
1.	The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "No," go to Section VIII.F.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "No," go to Section VIII.F.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> Yes <input type="checkbox"/> No
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers		
1.	The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "No," go to Section VIII.G.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)		
1.	The application area includes a bulk gasoline terminal.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "No," go to Section VIII.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "Yes," go to Question VIII.G.10.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)		
4.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "Yes," go to Question VIII.G.10.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "No," go to Question VIII.G.10.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "Yes," go to Section VIII.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "Yes," go to Question VIII.G.11.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "No," go to Section VIII.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry		
1.	The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "No," go to Section VIII.I.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "No," go to Section VIII.I.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "No," go to Section VIII.I.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "No," go to Section VIII.I.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning		
1.	The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins		
1.	The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "No," go to Section VIII.K.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "No," go to Section VIII.K.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)		
5.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "No," go to Question VIII.J.8.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "No," go to Question VIII.J.11.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
<i>Containers</i>	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Drains</i>	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "No," go to Question VIII.J.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> Yes <input type="checkbox"/> No
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "No," go to Section VIII.K.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "No," go to Section VIII.K.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
<i>Drains (continued)</i>	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "No" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "No" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> Yes <input type="checkbox"/> No
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	
Applicability	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "Yes," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
<i>Applicability (continued)</i>	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "No" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)		
4.	The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.”	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> No
9.	The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is “Yes,” go to Section VIII.P.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "No," go to Question VIII.O.14.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "No," go to Question VIII.O.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> Yes <input type="checkbox"/> No
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> Yes <input type="checkbox"/> No
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities		
1.	The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "No" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> Yes <input type="checkbox"/> No
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.		
◆ 1.	The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 2.	The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "No," go to Section VIII.Z.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "Yes," go to Section VIII.Z.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "No," go to Question VIII.Q.6.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆ 5.	<p>The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	<p>The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if the answer to Question VIII.Q.6 is "No," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "No," go to Section VIII.Z.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	<p>The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 8.	<p>The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 9.	<p>Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)		
1.	The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> Yes <input type="checkbox"/> No
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations		
1.	The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "No" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> Yes <input type="checkbox"/> No
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry		
1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
U. Subpart PP - National Emission Standards for Containers		
1.	The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
U. Subpart PP - National Emission Standards for Containers (continued)	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No
V. Subpart RR - National Emission Standards for Individual Drain Systems	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the responses to Questions VIII.W.1 and VIII.W.2 are both "No," go to Question VIII.W.20.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.W.6 is "No," go to Question VIII.W.8.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "No," go to Question VIII.W.11.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "No," go to Question VIII.W.15.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "No" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "No," go to Question VIII.W.25.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "No," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
25.	The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
26.	The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "No," go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
27.	The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "No," go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
28.	The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "No," go to Question VIII.W.33.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "No," go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
31.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "No," go to Question VIII.W.36.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "Yes," go to Question VIII.W.36.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No
36.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "No," go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "Yes," go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "No," go to Question VIII.W.40.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "No," go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> Yes <input type="checkbox"/> No
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> Yes <input type="checkbox"/> No
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "No," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "No," go to Question VIII.W.47.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "Yes," go to Question VIII.W.47.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)		
46.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No
47.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47 is "No," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "Yes," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "No," go to Question VIII.W.51.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
50.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> Yes <input type="checkbox"/> No
51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "No," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
52.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> Yes <input type="checkbox"/> No
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "No," go to Section VIII.X.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> Yes <input type="checkbox"/> No
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "No," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "No," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "Yes," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "Yes," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)		
5.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.8 is "Yes," go to Question VIII.X.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.9 is "No," go to Question VIII.X.11.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "No," go to Question VIII.X.14.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "No," go to Question VIII.X.18.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "No," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
Drains (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.		
1.	The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.		
◆ 1.	The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)		
1.	The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "No," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "No," go to Section VIII.BB.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)		
5.	The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.10 is "Yes," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.11 is "No," go to Question VIII.AA.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)

14.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.15 is "No," go to Question VIII.AA.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.17 is "No," go to Question VIII.AA.19.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.21 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
22.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
23. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> Yes <input type="checkbox"/> No
24. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.24 is "No," go to Section VIII.BB.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
25. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.25 is "No," go to Section VIII.BB.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> Yes <input type="checkbox"/> No
27. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No
28. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.

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| 1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation

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| 1. The application area includes a facility at which a site remediation is conducted.
<i>If the answer to Question VIII.CC.1 is "No," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
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| 2. The application area is located at a site that is a major source of HAP.
<i>If the answer to Question VIII.CC.2 is "No," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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| 3. All site remediations qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6).
<i>If the answer to Question VIII.CC.3 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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| 4. All site remediation activities are complete, and the Administrator has been notified in writing.
<i>If the answer to Question VIII.CC.4 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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| 5. Prior to beginning site remediation activities, it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr.
<i>If the answer to Question VIII.CC.5 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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| 6. The site remediation will be completed within 30 consecutive calendar days. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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| 7. No site remediation will exceed 30 consecutive calendar days.
<i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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| 8. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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| 9. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.
<i>If the answer to Question VIII.CC.9 is "Yes," go to Section VIII.DD.</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)

10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). <i>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.14 is "No," go to Question VIII.CC.21.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No
19.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
20.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
DD. Subpart YYYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "No," go to Section VIII.EE.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "Yes," go to Section VIII.EE.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> Yes <input type="checkbox"/> No
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "No," go to Section VIII.FF.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)		
4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "No," go to Question VIII.EE.6.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5.	The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "No," go to Section VIII.FF.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "Yes," go to Section VIII.FF.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "No," go to Section VIII.FF.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
EE. Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)		
11.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
FF. Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities		
◆ 1.	The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "No," go to Section VIII.GG.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "No," go to Section VIII.GG.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
GG. Recently Promulgated 40 CFR Part 63 Subparts		
◆ 1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "No," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
40 CFR Part 63 Subpart ZZZZ		

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IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions		
A. Applicability		
◆ 1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone		
A. Subpart A - Production and Consumption Controls		
◆ 1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners		
◆ 1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances		
◆ 1.	The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement		
◆ 1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances		
◆ 1.	The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 3.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)		
F. Subpart F - Recycling and Emissions Reduction		
◆ 1.	Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program		
◆ 1.	The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "No" or "N/A," go to Section X.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction		
◆ 1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
XI. Miscellaneous		
A. Requirements Reference Tables (RRT) and Flowcharts		
1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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XI. Miscellaneous (continued)		
B. Forms		
◆ 1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "No" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications		
◆ 1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements		
1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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XI. Miscellaneous (continued)		
E. Title IV - Acid Rain Program		
1.	The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program		
1.	The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "No," go to Question XI.F.7.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _x and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _x and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XI. Miscellaneous (continued)		
G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program		
1.	The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "No," go to Question XI.G.6.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
H. Permit Shield (SOP Applicants Only)		
1.	A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XI. Miscellaneous (continued)		
I. GOP Type (Complete this section for GOP applications only)		
◆ 1.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 5.	The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> Yes <input type="checkbox"/> No
J. Title 30 TAC Chapter 101, Subchapter H		
◆ 1.	The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "No," go to Question XI.J.3.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆ 4.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x . <i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 5.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO _x and is subject to 101.351(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 7.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 8.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
K. Periodic Monitoring		
◆ 1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. <i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "No," go to Section XI.L.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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For SOP applications, answer ALL questions unless otherwise directed.

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XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆ 1.	The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "No," go to Section XI.M.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "No," go to Section XI.M.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "No," go to Section XI.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5.	The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.	Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆ 7.	At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 8.	All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "Yes," go to Section XI.M.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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For SOP applications, answer ALL questions unless otherwise directed.

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XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring (continued)		
◆ 9.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 10.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 11.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆ 1.	The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "No," or "N/A," go to Section XII.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
XII. New Source Review (NSR) Authorizations		
A. Waste Permits with Air Addendum		
◆ 1.	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "Yes," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆ 1.	The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "No," go to Section XII.C. If the response to XII.B.1 is "Yes," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5.	The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 7.	The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits (continued)		
◆ 11.	The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "No," go to Question XII.B.15.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
C. Flexible Permits		
1.	The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
D. Multiple Plant Permits		
1.	The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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XII. NSR Authorizations (Attach additional sheets if necessary for sections XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date

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- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.



XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

- ◆ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

Authorization No.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
563	03/22/2024	9600	05/13/2024		
56694	05/20/2016	19449	03/22/2024		
56696	06/15/2017	176312	05/30/2024		
56698	05/20/2016				

- ◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.183	06/18/1997	106.472	03/14/1997	106	05/04/1994
106.183	09/04/2000	106.472	09/04/2000		
106.261	12/24/1998	106.473	03/14/1997		
106.261	11/01/2003	106.473	09/04/2000		
106.262	03/14/1997	106.511	09/04/2000		
106.262	12/24/1998	106.532	09/04/2000		
106.262	09/04/2000	15	01/08/1980		
106.262	11/01/2003	99	09/23/1982		

- ◆ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits with an Air Addendum**

Permit No.	Issuance Date	Permit No.	Issuance Date	Permit No.	Issuance Date

Applicable Requirements Summary
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Table 1a: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
5	R-400A	OP-UA15	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Control	§115.121(a)(1) §115.122(a)(1) §115.122(a)(1)(C)
20	EP-600-1	OP-UA15	R111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§111.111(a)(1)(B) §111.111(a)(1)(E)
21	EF001A	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	[G]115.352(1) 115.352(2) 115.352(3) 115.352(4) 115.352(5) 115.352(6) 115.352(7) 115.352(8) 115.352(9) 115.357(1) 115.357(4) 115.357(8) 115.357(9) 115.357(12) 115.357(13)
21	EF001A	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.357(2) 115.352(9)

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Table 1a: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
22	FUGDBAREA	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	[G]115.352(1) 115.352(2) 115.352(3) 115.352(4) 115.352(5) 115.352(6) 115.352(7) 115.352(8) 115.352(9) 115.357(1) 115.357(4) 115.357(8) 115.357(9) 115.357(12) 115.357(13)
22	FUGDBAREA	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.357(2) 115.352(9)

Applicable Requirements Summary

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Table 1a: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
23	FUGK600B	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	[G]115.352(1) 115.352(2) 115.352(3) 115.352(4) 115.352(5) 115.352(6) 115.352(7) 115.352(8) 115.352(9) 115.357(1) 115.357(4) 115.357(8) 115.357(9) 115.357(12) 115.357(13)
23	FUGK600B	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.357(2) 115.352(9)

Applicable Requirements Summary
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Federal Operating Permit Program

Table 1a: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
24	FUGR1,200	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	[G]115.352(1) 115.352(2) 115.352(3) 115.352(4) 115.352(5) 115.352(6) 115.352(7) 115.352(8) 115.352(9) 115.357(1) 115.357(4) 115.357(8) 115.357(9) 115.357(12) 115.357(13)
24	FUGR1,200	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.357(2) 115.352(9)

Applicable Requirements Summary

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Federal Operating Permit Program

Table 1a: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
25	FUGR3,400B	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	[G]115.352(1) 115.352(2) 115.352(3) 115.352(4) 115.352(5) 115.352(6) 115.352(7) 115.352(8) 115.352(9) 115.357(1) 115.357(4) 115.357(8) 115.357(9) 115.357(12) 115.357(13)
25	FUGR3,400B	OP-UA12	R5352ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	115.357(2) 115.352(9)
26	T0006	OP-UA3	R5111-1	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)
57	T6200	OP-UA3	R5111-1	VOC	30 TAC Chapter 115, Storage of VOCs	115.111(a)(1)

**Applicable Requirements Summary
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Federal Operating Permit Program**

Table 1b: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
5	R-400A	R5121-1	VOC	[G]§115.125 §115.126(1) §115.126(1)(C) §115.126(2)	§115.126 §115.126(1) §115.126(1)(C) §115.126(2)	None
20	EP-600-1	R111-1	Opacity	[G]§111.111(a)(1)(F)	None	None

Applicable Requirements Summary
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Table 1b: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
21	EF001A	R352ALL	VOC	115.352(8) 115.354(1) 115.354(2) 115.354(3) 115.354(4) 115.354(5) 115.354(6) [G] 115.354(7) 115.354(8) 115.354(9) 115.354(10) 115.354(11) [G] 115.355 [G] 115.356 115.357(1)	115.352(7) 115.354(10) 115.356[G]	[G]115.354(7)

Applicable Requirements Summary
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Table 1b: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
22	FUGDBAREA	R352ALL	VOC	115.352(8) 115.354(1) 115.354(2) 115.354(3) 115.354(4) 115.354(5) 115.354(6) [G] 115.354(7) 115.354(8) 115.354(9) 115.354(10) 115.354(11) [G] 115.355 [G] 115.356 115.357(1)	115.352(7) 115.354(10) 115.356[G]	[G]115.354(7)

**Applicable Requirements Summary
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Table 1b: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
23	FUGK600B	R352ALL	VOC	115.352(8) 115.354(1) 115.354(2) 115.354(3) 115.354(4) 115.354(5) 115.354(6) [G] 115.354(7) 115.354(8) 115.354(9) 115.354(10) 115.354(11) [G] 115.355 [G] 115.356 115.357(1)	115.352(7) 115.354(10) 115.356[G]	[G]115.354(7)

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Federal Operating Permit Program

Table 1b: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
24	FUGR1,200	R352ALL	VOC	115.352(8) 115.354(1) 115.354(2) 115.354(3) 115.354(4) 115.354(5) 115.354(6) [G] 115.354(7) 115.354(8) 115.354(9) 115.354(10) 115.354(11) [G] 115.355 [G] 115.356 115.357(1)	115.352(7) 115.354(10) 115.356[G]	[G]115.354(7)

**Applicable Requirements Summary
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Federal Operating Permit Program**

Table 1b: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
25	FUGR3,400B	R352ALL	VOC	115.352(8) 115.354(1) 115.354(2) 115.354(3) 115.354(4) 115.354(5) 115.354(6) [G] 115.354(7) 115.354(8) 115.354(9) 115.354(10) 115.354(11) [G] 115.355 [G] 115.356 115.357(1)	115.352(7) 115.354(10) 115.356[G]	[G]115.354(7)

**Applicable Requirements Summary
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Federal Operating Permit Program**

Table 1b: Additions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
26	T0006	R5111-1	VOC	[G]§115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
57	T6200	R5111-1	VOC	[G]§115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

**Applicable Requirements Summary
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Table 2a: Deletions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC	Area Name: Nouryon Surface Chemistry LLC, Houston Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
26	T0006	OP-UA3	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(e)(1)
57	T6200	OP-UA15	R111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§111.111(a)(1)(A) §111.111(a)(1)(E)
57	T6200	OP-UA15	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Control	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)

**Applicable Requirements Summary
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Table 2b: Deletions

Date: 12/02/2024	Regulated Entity No.: 100219393	Permit No.: O-01328
Company Name: Nouryon Surface Chemistry LLC		Area Name: Nouryon Surface Chemistry LLC, Houston Plant

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
26	T0006	OP-UA3	R5112-1	VOC	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
57	T6200	OP-UA15	R111-1	Opacity	[G]§111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
57	T6200	OP-UA15	R5121-1	VOC	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None