

Texas Commission on Environmental Quality

Title V Existing

1553

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	BAYTOWN OLEFINS PLANT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	3525 DECKER DR
City	BAYTOWN
State	TX
ZIP	77520
County	HARRIS
Latitude (N) (##.#####)	29.75
Longitude (W) (-###.#####)	95.016666
Primary SIC Code	2869
Secondary SIC Code	
Primary NAICS Code	325199
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN102212925
What is the name of the Regulated Entity (RE)?	EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	3525 DECKER DR
City	BAYTOWN
State	TX
ZIP	77520
County	HARRIS
Latitude (N) (##.#####)	29.75
Longitude (W) (-###.#####)	-95.016666
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600123939
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Exxon Mobil Corporation
Texas SOS Filing Number	3362806
Federal Tax ID	135409005
State Franchise Tax ID	11354090059

State Sales Tax ID	
Local Tax ID	
DUNS Number	1213214
Number of Employees	501+
Independently Owned and Operated?	Yes

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	EXXON MOBIL CORPORATION
Prefix	MRS
First	KIMBERLY
Middle	
Last	HAAS
Suffix	
Credentials	
Title	BOP PLANT MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 100
Routing (such as Mail Code, Dept., or Attn:)	
City	BAYTOWN
State	TX
ZIP	77522
Phone (###-###-####)	3462596202
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	2818346388
E-mail	kimberly.j.haas@exxonmobil.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	New Contact
Prefix	Exxon Mobil Corporation
First	MR
Middle	Michael
Last	
Suffix	Mullins
Credentials	
Title	BOP Process Manager
Enter new address or copy one from list	
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 100

Routing (such as Mail Code, Dept., or Attn:)

City

BAYTOWN

State

TX

Zip

77522

Phone (###-###-####)

3462591265

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

michael.mullins@exxonmobil.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

New Contact

Organization Name

Exxon Mobil Corporation

Prefix

MR

First

Thomas

Middle

Last

Wauhob

Suffix

Credentials

Title

Air Permitting Team Lead

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

5000 BAYWAY DR

Routing (such as Mail Code, Dept., or Attn:)

City

BAYTOWN

State

TX

ZIP

77520

Phone (###-###-####)

2545453541

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

thomas.wauhob@exxonmobil.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 45 Min 0 Sec

3) Permit Longitude Coordinate:

95 Deg 1 Min 0 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?

Streamlined Revision

4.1.1. Are there any permits that should be voided upon issuance of this permit application

No

through permit conversion?

4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?

No

5) Who will electronically sign this Title V application?

Duly Authorized Representative

6) 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)

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.

[File Properties]

File Name

ExxonMobil BOP Minor Revision_09-23-2024.pdf

Hash

3110F62B8A3D76AE78C7D8F9091649FF5357BA50DC27B4DC1095331B361D5659

MIME-Type

application/pdf

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 Duly Authorized Representative 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 Robert J Hill, the owner of the STEERS account ER096515.
- 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 1553.
- 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: Robert J Hill OWNER OPERATOR

Account Number:	ER096515
Signature IP Address:	136.228.238.230
Signature Date:	2024-09-23
Signature Hash:	20C4DA2EE0366ABA90F38356664CA04CD82FE65A27112665AED7C8DDD7B0815F
Form Hash Code at time of Signature:	636B594125FB8AB0489067B8075373D04E34B1C58F80D4B95CD341924209181D

Submission

Reference Number:	The application reference number is 685433
Submitted by:	The application was submitted by ER096515/Robert J Hill
Submitted Timestamp:	The application was submitted on 2024-09-23 at 11:58:05 CDT
Submitted From:	The application was submitted from IP address 136.228.238.230
Confirmation Number:	The confirmation number is 565449
Steers Version:	The STEERS version is 6.82
Permit Number:	The permit number is 1553

Additional Information

Application Creator: This account was created by Thomas Wauhob

Exxon Mobil Corporation
5000 Bayway Drive
PO Box 4004
Baytown, Texas 77522-4004



Submitted via ePermits

September 23, 2024

Air Permits Division, MC 163
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Baytown Olefins Plant
O1553 Minor Revision XH Furnace
CN600123939; RN102212925
Account Number: HG-0228-H

To Whom It May Concern:

On behalf of the Exxon Mobil Corporation Baytown Olefins Plant (BOP), located at 3500 Decker Drive, Baytown, TX 77520, enclosed is a Minor Revision to Title V Permit O1553 pursuant to 30 TAC 122.222.

BOP seeks to add Pyrolysis Furnace XH (XHF01) to the permit, establish a change in Duly Authorized Representative (DAR), and update the Technical Contact in this revision.

Applicable pages of the following forms are enclosed:

Attachment A – General Administrative Forms (new/updated information is in **bold**)

- OP-CRO1: Certification by Responsible Official
- OP-1: Site Information Summary (Page 3)
- OP-2: Application for Permit Revision/Renewal (Tables 1-2)
- OP-SUMR: Individual Unit Summary for Revisions (Table 1)

Attachment B – Unit Attribute Forms (new/updated information is in **bold**)

- OP-UA1: Miscellaneous and Generic Unit Attributes
 - 40 CFR Part 63, Subpart YY
- OP-UA5: Process Heater/Furnace Attributes
 - 30 TAC Chapter 117 (Tables 1)
- OP-UA15: Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
 - 30 TAC Chapter 111 (Table 1)
 - 30 TAC Chapter 115, Subchapter B (Table 2)
 - 30 TAC Chapter 115, Subchapter H (Table 12)

Attachment C – Supplemental Information

- OP-DEL: Delegation of Responsible Official
- OP-MON: Monitoring Requirements
- OP-REQ1: Application Area-Wide Applicability Determinations and General Information

- OP-REQ2: Negative Applicability Determinations
- OP-REQ3: Applicable Requirements Summary

If you have any additional questions or wish to discuss this submittal, please contact Thomas Wauhob at (254) 545-3541 or thomas.wauhob@exxonmobil.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'A. Korenek', with a stylized flourish at the end.

Allison Korenek
Environmental Section Supervisor

cc: Air Section Manager, Region 12
Texas Commission on Environmental Quality
5425 Polk Street, Suite H
Houston, TX 77023-1452

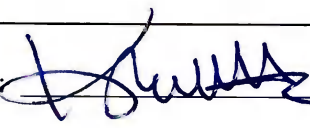
Jasmine Yuan
Air Permits Division, MC 163
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Electronic Copy:
EPA Region 6: R6AirPermitsTX@epa.gov

ATTACHMENT A

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening 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: RN102212925	CN: CN600123939	Account No.: HG-0228-H
Permit No.: O1553	Project No.:	
Area Name: Baytown Olefins Plant	Company Name: Exxon Mobil Corporation	
II. Certification Type <i>(Please mark the appropriate box)</i>		
<input checked="" type="checkbox"/> Responsible Official	<input type="checkbox"/> Duly Authorized Representative	
III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>		
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application	<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____		
IV. Certification of Truth		
This certification does not extend to information which is designated by the TCEQ as information for reference only.		
I, <u>Kimberly J. Haas</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 _____ <div style="text-align: center;"><i>Start Date</i> <i>End Date</i></div>		
Specific Dates: <u>09/23/2024</u> _____ <div style="text-align: center;"><i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i></div>		
Signature: <u></u> Signature Date: <u>23 SEP 2024</u>		
Title: <u>BOP Plant Manager</u>		

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 3)
Texas Commission on Environmental Quality**

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Thomas Wauhob
Technical Contact Title: Air Permitting Team Lead
Employer Name: Exxon Mobil Corporation
Mailing Address: 5000 Bayway Dr
City: Baytown
State: TX
ZIP Code: 77522-4004
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 254-545-3541
Fax No.:
Email: thomas.wauhob@exxonmobil.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator:
B. State Representative:
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input type="checkbox"/> Yes <input type="checkbox"/> No
E. Indicate the alternate language(s) in which public notice is required:

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

Date: 09/23/2024	
Permit No.: O1553	
Regulated Entity No.: RN102212925	
Company Name: Exxon Mobil Corporation	
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 2
Texas Commission on Environmental Quality**

Date: 09/23/2024
Permit No.: O1553
Regulated Entity No.: RN102212925
Company Name: Exxon Mobil Corporation

Using the table below, provide a description of the revision.

Revision No.	Revision Code	New Unit	Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
			ID No.	Applicable Form		
1	MS-C	Y	XHF01	OP-SUMR, OP-UA1, OP-UA5, OP-UA15, OP-REQ3, OP-MON	NSR 3452	Add Pyrolysis Furnace XH (XHF01) to the permit with applicable requirements in the following rules: 30 TAC Chapter 111; 30 TAC Chapter 115, Subchapter B; 30 TAC Chapter 115, Subchapter H; 30 TAC Chapter 117; 40 CFR Part 63, Subpart YY; Periodic Monitoring for 30 TAC Chapter 111.
2	MS-C	Y	XHF01	OP-REQ1	NSR 3452	Incorporate by reference the version of NSR Permit No. 3452 dated December 21, 2023.
3	MS-C	Y	XHF01	OP-REQ2	NSR 3452	OP-REQ2 with Permit shields to the following rules is being provided but no permit shield is requested to be added to the permit in this minor revision: 30 TAC Chapter 112; 30 TAC Chapter 115, Vent Gas Control; 30 TAC Chapter 115, Industrial Wastewater; 40 CFR Part 60, Subpart RRR; 40 CFR Part 63, Subpart YY.
4	ADMIN-B	NA	NA	OP-DEL	NA	Designating an additional DAR.

**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.
09/23/2024	O1553	RN102212925

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
A	1	XHF01	OP-UA1 OP-UA5, OP-UA15, OP-MON, OP-REQ3	PYROLYSIS FURNACE XH		3452	PSDTX302M2/PAL6

ATTACHMENT B

**Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program**

Date:	09/23/2024
Permit No.:	O1553
Regulated Entity No.:	RN102212925

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
XHF01	63YY	FURNACE	POST24	NO	500+	

Process Heater/Furnace Attributes
Form OP-UA5 (Page 1)

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and
Institutional Sources in Ozone Nonattainment Areas, Process Heaters
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/23/2024	O1553	RN102212925

Unit ID No.	SOP/GOP Index No.	Unit Type	Maximum Rated Capacity	RACT Date Placed in Service	Functionally Identical Replacement	Fuel Type(s)			Annual Heat Input	NOx Emission Limitation	Opt-In Unit	23C-Option
XHF01	R7300	PRYO	200+			NG	GS		22+	310D	NO	

Process Heater/Furnace Attributes

Form OP-UA5 (Page 2)

Federal Operating Permit Program

Table 1b: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 117)

Subchapter B: Combustion Control at Major Industrial, Commercial, and

Institutional Sources in Ozone Nonattainment Areas, Process Heaters

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/23/2024	O1553	RN102212925

Unit ID No.	SOP/GOP Index No.	Diluent CEMS	30 TAC Chapter 116 Limit	NOx Emission Limit Basis	NOx Reduction	Common Stack Combined	Fuel Type Heat Input	NOx Monitoring System
XHF01	R7300	NO		BLK1-LB	POST1			CEMS

**Process Heater/Furnace Attributes
Form OP-UA5 (Page 3)
Federal Operating Permit Program**

**Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)
Subchapter B: Combustion Control at Major Industrial, Commercial, and
Institutional Sources in Ozone Nonattainment Areas, Process Heaters
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
09/23/2024	O1553	RN102212925

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Monitoring System	NH3 Emission Limitation	NH3 Monitoring
XHF01	R7300	X40A	310C	CEMS	310C	CEMS

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.
09/23/2024	O1553	RN102212925

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
XHF01	R1111-1	NO		OTHER	NONE	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.
09/23/2024	O1553	RN102212925

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
XHF01	R5121	NO	NO	REGVAPPL		100-		YES

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 30)

Federal Operating Permit Program

Table 12a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/23/2024	O1553	RN102212925

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
XFHF01	R5720	NO	NO	NO	UNCON

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 31)

Federal Operating Permit Program

Table 12b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/23/2024	O1553	RN102212925

Emission Point ID No.	SOP Index No.	AM	AM ID No.	Minor Modification	Minor Modification ID No.	Process Knowledge	Waived Testing	Testing Requirements
XHF01	R5720	NO		NO		NO	YES	DEC31

ATTACHMENT C

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

I. Identifying Information
Account No.: HG-0228-H
RN: RN102212925
CN: CN600123939
Permit No.: O1553
Area Name: Baytown Olefins Plant
Company Name: Exxon Mobil Corporation
II. Duly Authorized Representative Information
Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change
Conventional Title: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Name (on driver's license): Michael Mullins
Title: BOP Process Manager
Delegation Effective Date: 02/01/2024
Telephone No.: 346-259-1265
Fax No.:
Company Name: Exxon Mobil Corporation
Mailing Address: P.O. Box 100
City: Baytown
State: TX
ZIP Code: 77522
Email Address: michael.mullins@exxonmobil.com

Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program
Texas Commission on Environmental Quality

III. Certification of Truth, Accuracy, and Completeness

I, Kimberly J. Haas, certify that, based on
(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)

information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. (RO signature required for New DAR Identification only; DAR signature required for any Action Type)

Responsible Official Signature: [Signature] Date: 9/23/24

Duly Authorized Representative Signature: [Signature] Date: 9/20/24

IV. Removal of Duly Authorized Representative(s)

The following should be removed as Duly Authorized Representative(s):

Chris R. Duffy Effective Date: 02/01/2024

(Name(s) printed or typed)

Responsible Official Signature: [Signature] Date: 9/23/24

**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.: HG-0228-H	RN No.: RN102212925	CN: CN600123939
Permit No.: O1553	Project No.: TBD	
Area Name: Baytown Olefins Plant		
Company Name: Exxon Mobil Corporation		
II. Unit/Emission Point/Group/Process Information		
Revision No.: 1		
Unit/EPN/Group/Process ID No.: XHF01		
Applicable Form: OP-UA15		
III. Applicable Regulatory Requirement		
Name: 30 TAC Chapter 111, Visible Emissions		
SOP/GOP Index No.: R1111-1		
Pollutant: Opacity		
Main Standard: 111.111(a)(1)(C)		
IV. Title V Monitoring Information		
Monitoring Type: Periodic Monitoring		
Unit Size:		
CAM/PM Option No.: PM-P-002		
Deviation Limit: > 15% Opacity		
CAM/PM Option No.:		
Deviation Limit:		
V. Control Device Information		
Control Device ID No.:		
Control Device Type:		

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	09/23/2024
Permit No.:	O1553
RN No.:	RN102212925

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD 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			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA 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:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ 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.: 3452	Issuance Date: 12/21/2023	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
09/23/2024	O1553	RN102212925

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	3	XHF01	OP-UA5	30 TAC Chapter 112, Sulfur Compounds	30 TAC 112.9	The unit does not fire liquid fuel.
A	3	XHF01	OP-UA15	40 CFR Part 60, Subpart RRR	40 CFR 60.700(a)	Plant does not produce waste gas streams from facilities which could be considered reactors subject to NSPS RRR. Startup and construction notification still required.
A	3	XHF01	OP-REQ2	30 TAC Chapter 115, Industrial Wastewater	30 TAC 115.140(2)	Stream does not meet definition of affected wastewater stream; VOC concentration of the stream is less than 10,000 ppmv or less than or equal to 1,000 ppmv with a flowrate greater than or equal to 10 liters per min (2.64 gpm).

**Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program**

Table 1a: Additions

Date: 09/23/2024	Regulated Entity No.: RN102212925	Permit No.: O1553
Company Name: Exxon Mobil Corporation	Area Name: Baytown Olefins 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)
1	XHF01	OP-UA1	63YY	HAP	40 CFR PART 63, SUBPART YY	63.1103(e)-Table 7(j), 63.1103(e)(3), [G] 63.1103(e)(7), [G] 63.1103(e)(8)

Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program

Table 1b: Additions

Date: 09/13/2024	Regulated Entity No.: RN102212925	Permit No.: O1553
Company Name: Exxon Mobil Corporation	Area Name: Baytown Olefins Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	XHF01	63YY	HAP	63.1103(e)(7)(i), 63.1103(e)(7)(ii), 63.1103(e)(7)(iii), 63.1103(e)(7)(iv), [G] 63.1103(e)(8) 63.1103-Table 7(j), [G] 63.7(a)(4), [G] 63.7(c), 63.7(e)(4), [G] 63.7(g)(2)	[G] 63.10(b)(2)(vi), 63.1103-Table 7(j), 63.1109(a), 63.1109(b), 63.1109(c), 63.1109(d), [G] 63.1109(h)	63.1103-Table 7(j), [G] 63.1110(a), [G] 63.1110(b), [G] 63.1110(c), [G] 63.1110(d), 63.1110(e), 63.1110(e)(1), 63.1110(e)(2), 63.1110(e)(3), [G] 63.1110(e)(7), [G] 63.1110(f), [G] 63.1110(g), [G] 63.1110(h)