Form OP-UA33- Instructions
Mineral Processing Plant Attributes
Texas Commission on Environmental Quality

The unit attributes (OP-UA) forms are used to provide a description and data pertaining to all emission units, emission points, processes and control devices with potentially applicable requirements associated with a particular regulated entity (RN) number and application. The information will be provided in an excel format. Each OP-UA form will include sheets for General Information, a Table of Contents, OP-SUM, OP-REQ2, and the unit attribute tables. The individual unit summary (OP-SUM) information and the negative applicable/superseded requirement determinations (OP-REQ2) will be provided on each individual OP-UA form for the applicable units identified in the unit attribute tables.

General Information Sheet

The General Information sheet holds the permit information. The following permit application information is requested for the site:

Date:
Enter the date the application is being submitted by the applicant to TCEQ (MM/DD/YYYY). Any subsequent submittals must show the date of revision.

Customer Reference No. (CN):
Enter the customer reference number (CNXXXXXXXXX). This number is issued by TCEQ as part of the central registry process. If a customer reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

Regulated Entity No. (RN):
Enter the regulated entity reference number for the site (RNXXXXXXXXX). This number is issued by TCEQ as part of the central registry process. If a regulated entity reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

Permit No.:
Enter the permit number assigned by TCEQ. Leave the permit number blank if a permit number has not been assigned.

Permit Area Name:
Enter the name of the application area (maximum 50 characters). This should be the same name provided on Form OP-1 (Site Information Summary).

Permit Type:
Choose the type of permit for which this application is being submitted from the dropdown menu (SOP, GOP, TOP). Information on the different permit types can be found on TCEQ's website at: www.tceq.texas.gov/permitting/air/titlev/permit_types.html.

Project Type:
Choose the project type for which this application is being submitted from the dropdown menu (Initial, Revision, Renewal).

Submission Type:
Choose the submission type for which this form is being submitted from the dropdown menu (New Application, Existing Application Update).

Project Number:
Enter the project number assigned by TCEQ. Leave the project number blank if a project number has not been assigned.

Title V Form Release Date, Form Number, APD ID Number, and Version Revised Date are present and cannot be altered.

Table of Contents Sheet

The Table of Contents lists all the sheets in the UA Form. If information is submitted on the OP-SUM, OP-REQ2 or the Unit Attribute tables, the "Data Submitted" column will display a "Yes". If no information is submitted, the "Data Submitted" column will remain blank. The Table of Contents information is auto populated. Applicants will not need to submit any information in the Table of Contents.

Instructions for OP-SUM Sheet

General:
All units with one or more potentially applicable requirements addressed in this form must be identified on the OP-SUM sheet. The term "unit" in these instructions has the meaning of "emission unit" as defined in 30 TAC Chapter 122.

The purpose of this sheet is to list individual units addressed in the Federal Operating Permit (FOP) application and to provide identifying information and preconstruction authorizations. This form is also used to designate members of groups.

The corresponding preconstruction authorization for each unit must also be listed on this form. For units which were authorized to construct or modify under Permits by Rule (PBR), list all applicable PBR information, including registration numbers. If a unit is authorized under more than one preconstruction authorization, then list all applicable preconstruction authorizations, including any Prevention of Significant Deterioration (PSD) and/or nonattainment permit(s).

Groups:

- A "group" is a collection of units or devices that have identical applicability (or non-applicability) determinations and may, or may not, have a physical relationship.
- Group members may have different 30 TAC Chapter 116 or 30 TAC Chapter 106 preconstruction authorizations.
- Groups may be used on UA forms only if all unit attributes are identical.
- All groups must be mutually exclusive. Units cannot be listed in more than one group on a given UA form.
- Grouping is optional.
- Groups are assigned an ID No. by the applicant, which must begin with the prefix "GRP" followed by a maximum of eleven characters (GRP*XXXXXXX*).

Specific:
Table 1

Unit Action Indicator (Unit AI):
Complete this section only for a permit revision or renewal. Select "A" from the dropdown menu if the emission unit indicated is an addition to the existing permit. Select "D" from the dropdown menu if the existing emission unit indicated is being deleted from the permit. If an emission unit is not being added/deleted from the permit, leave blank.

Revision No.:
Complete this section only for a permit revision or renewal. Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision. If no changes are made to an existing unit in the permit, leave blank.

Unit ID No.:
Each unit must be assigned an identification number. (Maximum 14 characters)

- For emission units with potentially applicable requirements, enter Facility ID Nos. (FINs) as listed in the TCEQ State of Texas Air Reporting System (STARS).

- If FIN currently does not exist in STARS, then a new ID No. that is consistent with the existing numbering system must be provided by the applicant. Unit ID Nos. cannot begin with "GRP" (the character sequence reserved for Group ID Nos.).

Group ID No.:
If applicable, enter the unique identification number for the group which includes this unit (GRP*XXXXXXX*) ("GRP" followed by a maximum of 11 characters). If the unit is not a member of a group, leave this column blank. (See general instructions, above, for information regarding requirements for grouping units in FOP applications.)

Unit Name/Description:
Each unit must be given a name or description that distinguishes it from other units as much as practicable. The Unit Name/Description should clearly indicate the type of unit. If possible, please avoid using generic descriptions, such as "Tank" or "Boiler," for multiple units. (Maximum 50 characters)

- Enter a text name or description for the unit from STARS whenever possible.
- If no STARS name currently exists, a new name that is consistent with the existing naming convention must be provided by the applicant.

***Example*:** The following example is intended as guidance on completion of columns on OP-SUM. It should be assumed that all criteria for inclusion in the application are met. Criteria for grouping are also assumed to be satisfied.

Unit ID No.	Group ID No.	Unit Name/Description
B-1	GRP-BOILER	Boiler 1
B-2	GRP-BOILER	Boiler 2
T-3		Tank 3
T-4		Tank 4

CAM (For reference only):
Indicate if the unit is subject to 40 CFR Part 64 by selecting "Y" from the dropdown menu in the "CAM" column next to the unit. Please refer to 40 CFR Part 64 to determine applicability. *Certification by the Responsible Official (RO) pursuant to 30 TAC § 122.165 does not extend to the information which is designated on forms as "For reference only."*

Preconstruction Authorizations (PCA):
At least one PCA must be indicated for each unit; however, a unit may have multiple authorizations. *All preconstruction authorizations listed on this form must also be identified on Form OP-REQ1.*
When a unit has multiple authorizations, each PCA must be listed in a separate row.

The following examples are intended as guidance on completion of columns for the preconstruction authorizations. The examples are followed by specific instructions for each column.

Example 1: Adding multiple PCA Categories for a unit

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
A		Flare1		Diamine Flare	Y	A	NSR Permit	1234		
A		Flare1		Diamine Flare	Y	A	PSD	PSDTX1234		
A		Flare1		Diamine Flare	Y	A	PBR	23456, 34567	106.261	11/01/2003
A		Flare1		Diamine Flare	Y	A	PBR	23456, 34567	106.262	11/01/2003

Example 2: Adding and deleting a PCA for a unit

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		T-3	GRPTANKS	Tank 3		A	Standard Permit	12345		
		T-3	GRPTANKS	Tank 3		D	PBR		106.432	09/04/2000

Preconstruction Authorization Action Indicator (PCA AI):
Select "A" from the dropdown menu if a preconstruction authorization is being added for the emission unit. Select "D" from the dropdown menu if a preconstruction authorization is being deleted from the emission unit. If a preconstruction authorization is not being added/deleted from the emission unit, leave blank.

Preconstruction Authorization (PCA) Category:
Select from the dropdown menu the category of the PCA being added or deleted.

- PBR - Permit by Rule claimed or registered under 30 TAC Chapter 106
- Standard Permit - 30 TAC Chapter 116 and non-rule Air Quality Standard Permits
- NSR Permit - 30 TAC Chapter 116 preconstruction authorizations
- PSD - Prevention of Significant Deterioration Permits
- Nonattainment - Nonattainment Permits
- GHG – Greenhouse Gas Permits
- 112(G) [HAP] - Hazardous Air Pollutant Permits
- MSW or IHW - Municipal Solid Waste or Industrial Hazardous Waste Permits
- Exemption – De Minimis Facilities or Sources authorized by 30 TAC Chapter 116, § 116.119

Authorization/Registration Number:
List all TCEQ permit numbers for 30 TAC Chapter 116 preconstruction authorizations, Title I preconstruction authorizations (PSD and nonattainment permits) and 30 TAC Chapter 106 (PBR) registration numbers, under which the unit is operating.

- **30 TAC Chapter 116 Permits:** Enter the TCEQ permit number, for example, 12345. This includes special permits and standard permit registrations.
- **Prevention of Significant Deterioration (PSD) Permit:** Enter the PSD permit number (PSDTX*XXX*), for example, PSDTX123. If the PSD permit has been modified, include the "M" suffix (PSDTX*XXX*M*XX*), for example, PSDTX123M5. *Title I authorizations should only be listed for units addressed by the PSD or nonattainment permits.*
- **Nonattainment Permit:** Enter each nonattainment permit number (N*XXX*), for example, N123. If the nonattainment permit has been modified, include the "M" suffix (N*XXX*M*XX*), for example, N123M5. *Title I authorizations should only be listed for units addressed by the PSD or nonattainment permits.*
- **Permit by Rule (previously Standard Exemption):** Enter the PBR Registration No. for each PBR registered under 30 TAC Chapter 106 and each standard exemption previously registered under 30 TAC Chapter 116.
- **Exemption:** Enter 116.119 for a de minimis facility or source, which has other potentially applicable or applicable requirements (these are authorized by 30 TAC Chapter 116, § 116.119). *De minimis facilities or sources should not be included if there are no other potentially applicable or applicable requirements.*

Permit by Rule (PBR) Number:
For each PBR claimed or registered under 30 TAC Chapter 106, and each standard exemption claimed or registered previously under 30 TAC Chapter 116, enter the number in the appropriate format shown below.

Note: All units authorized by PBR must also be identified on Form OP-PBRSUP.

Format	PBR/standard exemption claimed or registered date
106.*XXX*	Authorized on or after March 14, 1997 (except 106.181 is on or after December 27, 1996)
XXX	Authorized prior to March 14, 1997

XXX = 30 TAC Chapter 116 standard exemption number or 30 TAC Chapter 106 PBR number.

PBR Effective Date:

For each PBR claimed or registered under 30 TAC Chapter 106 and each standard exemption claimed or registered, enter the effective date of the rule. MM/DD/YYYY = Effective date of the Standard Exemption or PBR in effect at the time claimed or granted. Information on version dates is available at:

Information on Chapter 116 version dates is available at:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html.

Information on Chapter 106 version dates is available at:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html.

Please note that prior to March 14, 1997, a standard exemption list was incorporated by reference into 30 TAC Chapter 116 and each standard exemption had an assigned number, e.g., 112. Each standard exemption now resides in a section of 30 TAC Chapter 106 (e.g., 30 TAC § 106.148) and now is referred to as a PBR.

(Standard exemptions were readopted under the PBR designation on March 14, 1997.) Information regarding PBRs may be found on the TCEQ website at www.tceq.texas.gov/permitting/air/permitbyrule/air-pbr.

The applicant has the option of claiming a newer and more stringent version of the standard exemption or PBR if the original applicable version of the standard exemption or PBR cannot easily be determined. As an example of a standard exemption authorized before March 14, 1997, Standard Exemption No. 6 had an effective date of August 30, 1988. It was then amended with a new effective date of July 20, 1992. The standard exemption identifier for a compressor engine constructed in 1993 and registered under Standard Exemption No. 6 would be represented as:

Permit By Rule (PBR) Number	PBR Effective Date
6	07/20/1992

As an example of a PBR authorized on or after March 14, 1997, Standard Exemption No. 6 had an effective date of June 7, 1996. It was then amended and moved to 30 TAC § 106.512 with an effective date of March 14, 1997. The PBR identifier for a compressor engine constructed in 1998 and registered under 30 TAC § 106.512 would be represented as:

Permit By Rule (PBR) Number	PBR Effective Date
106.512	03/14/1997

Instructions for OP-REQ2 Sheet

General:

The purpose of this sheet is to document negative applicability from potentially applicable requirements or to document duplicative, redundant, and or contradicting requirements that have been superseded by a more stringent or equivalent requirement for units when a permit shield is requested. Negative applicability or superseded requirement determinations when a permit shield is NOT requested may be documented on this sheet OR the appropriate unit attribute table.

A negative applicability determination is any regulatory citation that provides the basis whereby every operating condition of an emission unit is not subject to a regulation. For example, Title 40 Code of Federal Regulation § 60.110b(a) [40 CFR § 60.110b(a)] could be the regulatory basis for a negative applicability determination for a VOC storage tank of less than 75 cubic meters; therefore, the storage tank is completely exempt from 40 CFR Part 60, Subpart Kb.

Note: Numerous regulatory citations appear to authorize exemptions to qualifying units from those regulations. However, closer examination typically reveals that there are still some requirements which must still be met (such as monitoring and/or recordkeeping).

For certain emission units subject to certain 40 CFR Part 63 standards, other federal regulations may apply. In many instances one of the overlapping regulations may specify which rule supersedes the other. The regulation may state that the owner or operator only has to comply with a specific subpart after the compliance date or it may state that compliance with the subpart is deemed to be in or constitute compliance with other subparts. Although superseded rules do not qualify as negative applicability determinations, it has been determined that these instances can be documented on the OP-REQ2, if the applicant elects to comply only with the superseding requirement. For example, a Group 1 or Group 2 storage tank, subject to 40 CFR Part 63, Subpart G, may not be required to comply with 40 CFR Part 60, Subpart Kb due to rule overlap of 40 CFR Part 63, Subpart G. In this case, the permit applicant may request a permit shield from 40 CFR Part 60, Subpart Kb. In this case, the applicant must submit the superseding requirement citation, § 63.110(b), and a textual description of the superseding determination, if they elect to comply with only the superseding requirement.

When an emission unit has one or more potential applicable requirements, the applicant must list all the requirements for which negative applicability or superseded requirement determinations can be made. Once the negative applicability or superseded requirement determinations have been made, indicate the citation and reason for the non-applicability or superseded requirement in the appropriate columns. Indicate the determinations for all potentially applicable requirements for each emission unit before listing the next unit.

Negative applicability or superseded requirement determinations for potentially applicable requirements, confirmed by TCEQ, may be approved as a permit shield (see instructions outlined in Area Wide Applicability Determinations, Form OP-REQ1, to request a permit shield). If a permit shield is requested, the determinations are always required on the OP-REQ2 sheet. For additional information relating to permit shields, refer to the TCEQ guidance document entitled "Site Operating Permit (SOP) Permit Shield Guidance found on TCEQ's website at: www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html.

Specific:

Fill out the OP-REQ2 sheet to provide a negative applicability determination for units included on this OP-UA form. If the unit is not submitted on an OP-UA form, submit the negative applicability determination on the standalone OP-REQ2 form.

Unit Action Indicator (AI):
Select "A" from the dropdown menu if the negative applicability or superseded requirement is an addition to the permit. Select "D" from the dropdown menu if the negative applicability or superseded requirement is being deleted from the permit. For revisions to existing negative applicability or superseded requirements in the permit, use the "D" indicator for the existing permit shield and the "A" indicator for the revised permit shield.

Revision No.:
Complete this section only for a permit revision or renewal. Enter the revision number identified on Form OP-2, Table 2 (only for revision items within the application). This number will link the specific negative applicable requirement determination to the appropriate revision.

Unit ID No.:
Select the identification number (ID No.) (maximum 14 characters) of the unit as listed on the OP-SUM sheet.

Potentially Applicable Regulatory Name:
Select the name of the potentially applicable requirement from the dropdown menu for which negative applicability or superseded requirement is being demonstrated. If the potentially applicable regulatory name is not found in the dropdown menu, enter it manually (maximum 50 characters).

Note: Permit shields cannot be granted for permit authorizations of any kind (i.e. - PSD, NSR permit, Acid Rain, etc.).

Negative Applicability or Superseded Requirement Citation:
Enter the citation of the paragraph of the rule that was used to determine negative applicability or superseded requirements. Provide the citation detail to the level of the paragraph allowing the exemption, exclusion, or non-applicability. If there is more than one citation for determining negative applicability or superseded requirements, select

the most appropriate or the clearest (least likely to be misinterpreted). Negative applicability or superseded requirement determinations by the applicant are subject to auditing during the permit application review. The applicant must always indicate the negative applicability or superseded requirement citation on the OP-REQ2. For examples on the level of detail for citations, see table below (maximum 36 characters).

Example Applicable Regulatory Requirements*

Regulation	**Potentially Applicable Regulatory Name** *(Input Format)*	**Negative Applicability or Superseded Requirement Citation** *(Input Format)*
30 TAC Chapters 111, 112, 113, 115 and 117	Chapter 111	§ 111.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 112	§ 112.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 113	§ 113.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 115, Storage of VOCs	§ 115.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 117, ICI	§ 117.*XXX*(*x*)(*yy*)(*zz*)
40 CFR Part 60, Subparts, New Source Performance Standards (NSPS)	NSPS *XXX*	§ 60.*XXX*(*x*)(*yy*)(*zz*)
40 CFR Part 61, Subparts, National Emission Standards for Hazardous Air Pollutants (NESHAP)	NESHAP *XX*	§ 61.*XX*(*x*)(*yy*)(*zz*)
40 CFR Part 63, Subparts, NESHAP by source category, including hazardous organic (HON)	MACT *XX*	§ 63.*XXX*(*x*)(*yy*)(*zz*)

* This list is not intended to be exhaustive

Negative Applicability/Superseded Requirement Reason:
Enter a textual description indicating the reason for the negative applicability or superseded requirement determination. If a permit shield is requested, the textual description provided will be recreated as the *Basis of Determination* for the permit shield in the permit. The description may include rule text, rule preamble, or other text resulting from a historical rule interpretation, EPA applicability determination Index (ADI), or case law. Use multiple lines if necessary (maximum 250 characters).

OP-UA33 Form Unit Attribute Tables- Instructions

General:
This form is used to provide a description and data pertaining to all facilities in mineral processing plants with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a mineral processing plant, then it should be left blank and need not be submitted with the application. If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following is included in this form:

Table 1:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart LL: Standards of Performance for Metallic Mineral Processing Plants**
Tables 2a - 2c:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants**
Table 3a - 3c:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart F: Standards of Performance for Portland Cement Plants**
Table 4:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart HH: Standards of Performance for Lime Manufacturing Plants**
Table 5:	**Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart UUU: Standards of Performance for Calciners and Dryers in Mineral Industries**
Tables 6a - 6c:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart LLL: National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry**

The Texas Commission on Environmental Quality (TCEQ) Regulated Entity Number (RNXXXXXXXXX) and the application area name from Form OP-1 (Site Information Summary) must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM DD YYYY). Leave the permit number blank for the initial form submittal. If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), the date of the revision submittal, and the regulated entity number.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. Anytime a response is not required based on the qualification criteria, leave the space on the form blank.

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate "N/A" for "Not Applicable") if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: the Regulated Entity and Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to as "core data." The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ website at www.tceq.texas.gov/permitting/central_registry/index.html.

Specific:

Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart LL: Standards of Performance for Metallic Mineral Processing Plants

Unit ID No.:
Enter the identification number (ID No.) for the affected facility (maximum 14 characters) at the metallic mineral processing plant (i.e., crusher, screen, bucket elevator, conveyor belt transfer point, thermal dryer, product packaging station, storage bin, enclosed storage area, truck loading station, truck unloading station, railcar loading station or railcar unloading station at the mill or concentrator, or each crusher and screen in open-pit mine) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Located Outside of Underground Mines:
Enter "YES" if the affected facility is located outside of underground mines. Otherwise, enter "NO."

▼ **Continue Only if "Located Outside of Underground Mines" is "YES."**

Located At a Uranium Ore Processing Plant:
Enter "YES" if the affected facility is located at a uranium ore processing plant. Otherwise, enter "NO."

▼ **Continue Only if "Located at a Uranium Ore Processing Plant" is "NO."**

Construction/Modification Date:
Select one of the following options that describes the date of commencement of the most recent construction or modification. Enter the code on the form:

Code	Description
82-	On or before August 24, 1982
82+	After August 24, 1982

▼ **Continue Only if "Construction/Modification Date" is "82+."**

Stack Emissions:
Enter "YES" if the facility has any stack emissions. Otherwise, enter "NO."

▼ **Continue Only if "Stack Emissions" is "YES."**

Wet Scrubbing Emissions Control Device:
Enter "YES" if the affected facility's stack emissions are controlled by the use of a wet scrubbing emission control device. Otherwise, enter "NO."

Control Device ID No.:

If applicable, enter the identification number (ID No.) for the control device to which emissions are routed. This number should be consistent with the control device identification number listed on Form OP-SUM. If there is no control device, then leave this column blank (maximum 14 characters).

Table 2a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants

- **Complete this table for all crushers, grinding mills, screening operations, bucket elevators, belt *conveyors, bagging operations, storage bins, and enclosed truck or railcar loading stations located at either a nonmetallic mineral processing plant, or prior to the first storage silo or bin at a hot mix asphalt facility that uses crushers or grinding mills to reduce the size of nonmetallic minerals embedded in recycled asphalt pavement.***
- ***Do not complete this table for affected facilities associated with the following operations:***
  - *Underground mine;*
  - *Plant without crushers or grinding mills above ground; or*
  - *Wet material processing operation (as defined in 40 CFR §60.671.*

★ *Do not complete this table for affected facilities that are located at the following plants:*
- *Fixed sand and gravel plant with a capacity of 25 tons/hour or less (23 Mg/hr);*
- *Fixed crushed stone plant with a capacity of 25 tons/hour or less (23 Mg/hr);*
- *Portable sand and gravel plant with a capacity of 150 tons/ hour or less (1136 Mg/hr);*
- *Portable crushed stone plant with a capacity of 150 tons/ hour or less (136 Mg/hr);*
- *Common clay plant with a capacity of 10 tons/ hour or less (9 Mg/hr); or*
- *Pumice plant with a capacity of 10 tons/hour or less (9 Mg/hr)*

Unit ID No.:
Enter the identification number (ID No.) for the affected facility (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

Note: If the owner or operator has a facility or facilities that are enclosed and has chosen to comply with the emission limitations of 40 CFR Part 60, Subpart OOO as a building under 40 CFR § 60.672(e), then the identification number should be an identification for that building. All affected facilities enclosed in the building are not to be listed as separate affected facilities.

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:
Select one of the following codes that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
83-	On or before August 31, 1983
83-08	After August 31, 1983 and before April 22, 2008
08+	On or after April 22, 2008

- **Continue only if "Construction/Modification Date" is "83-08" or "08+."**

Subpart Applicability:
Select one of the following options for subpart applicability. Enter the code on the form.

Code	Description
60F	Affected facility is subject to 40 CFR Part 60, Subpart F, or follows any other facility in the plant process that is subject to Subpart F
60I	Affected facility is subject to 40 CFR Part 60, Subpart I, or follows any other facility in the plant process that is subject to Subpart I
NONE	Affected facility is not subject to 40 CFR Part 60, Subparts F or I, and does not follow any other facility in the plant process that is subject to Subparts F or I

- **Continue only if "Subpart Applicability" is "NONE."**

Facility Type:
Select one of the following options for the affected facility located at the nonmetallic mineral processing plant. Enter the code on the form.

Code	Description
BLDGV	Building enclosing one or more affected facilities other than a storage bin or enclosed truck or railcar station, which is complying with the requirements of 40 CFR § 60.672(e), and has at least one vent as defined in 40 CFR § 60.671
BLDGVST	Building enclosing one or more affected facilities, including a storage bin or enclosed truck or railcar station, which is complying with the requirements of 40 CFR § 60.672(e), and has at least one vent as defined in 40 CFR § 60.671
BLDGNOV	Building enclosing one or more affected facilities which is complying with the requirements of 40 CFR § 60.672(e), and does not have any vents as defined in 40 CFR § 60.671
CRSHR	Crusher
GRNDML	Grinding mill
SCRNOP	Screening operation not processing saturated material and that has never processed saturated material
SCRNOP-P	Screening operation not currently processing saturated material but that has previously processed saturated material
BKTELV	Bucket elevator not processing saturated material that has never processed saturated material
BKTELV-P	Bucket elevator not currently processing saturated material but that has previously processed saturated material
TRANSP	Transfer point on a belt conveyor not processing saturated material that has never processed saturated material
TRANSP-P	Transfer point on a belt conveyor not currently processing saturated material but that has previously processed saturated material
BAGOP	Bagging operation
STGBN	Storage bin
ENTKRC	Enclosed truck or rail car loading station

Replacement Type:
Select one of the following options for facility replacement. Enter the code on the form.

Code	Description
FACRP	Affected facility is of equal or smaller size (as defined in §60.671), and has the same function as the existing facility, with no increase in the amount of emissions. (use only if affected facility is NOT part of a production line with all affected facilities replaced with new facilities)
PRORP	Affected facility is part of a production line with all affected facilities replaced with new facilities
OTHER	Not replacing an existing facility or is other than FACRP or PRORP

Table 2b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants

▼ **Continue only if "Replacement Type" is "PRORP" or "OTHER."**

Unit ID No.:
Enter the identification number (ID No.) for the nonmetallic mineral unit or process (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Do not complete "Capture System" if "Facility Type" is "BLDGV," "BLDGVST," or "BLDGNOV."**

Capture System:
Select one of the following options for capture systems. Enter the code on the form.

Code	Description
CAP	Affected facility is using a capture system with no fugitive emissions prior to the control device
CAPFE	Affected facility is using a capture system with fugitive emissions prior to the control device (capture system is not completely effective in transporting emissions to the control device)
NOCAP	Affected facility is not using a capture system as defined in 40 CFR § 60.671 for emissions control

★ **Complete "Wet Suppression" only if "Capture System" is "CAPFE" or "NOCAP" or if "Facility Type" is "BLDGV," "BLDGVST," or "BLDGNOV."**

Wet Suppression:
Select one of the following options for wet suppression. Enter the code on the form.

Code	Description
DIR	Affected facility is using direct water sprays for fugitive emissions control
WCUP	Affected facility is using water carryover from upstream water sprays for fugitive emissions control
NONE	Affected facility is not using water sprays or water carryover for fugitive emissions control (e.g. partial enclosure)

★ **Complete "Exhaust Gas Velocity" only if "Facility Type" is "BLDGV" or "BLDGVST."**

Exhaust Gas Velocity:
Select one of the following options for measuring of exhaust gas velocity from building vents. Enter the code on the form.

Code	Description
M2A1	Method 2 of 40 CFR Part 60, Appendix A-1
AGFR	You are electing to determine the average gas flow rate produced by the power fans to the building vent (due to low exhaust gas velocity)

★ **Complete "Control Device Type" only if "Capture System" is "CAP" or "CAPFE."**

Control Device Type:
Select one of the following options for the type of control device used by the affected facility. Enter the code on the form.

Code	Description
BH	Baghouse controlling emissions from an affected facility other than an individual enclosed storage bin
BHISB	Baghouse controlling emissions from only an individual enclosed storage bin
WS	Wet scrubber
OTHER	Dry control device as defined in 40 CFR § 60.671 other than a baghouse (use only if the date of commencement of the most recent construction, modification, or reconstruction for the affected facility is after August 31, 1983 and before April 22, 2008)

Control Device ID No.:
If applicable, enter the identification number for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

Table 2c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart OOO: Standards of Performance for Nonmetallic Mineral Processing Plants

Unit ID No.:
Enter the identification number (ID No.) for the nonmetallic mineral unit or process (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Baghouse Monitoring" only if "Construction/Modification Date" is "08+" and "Control Device Type" is "BH" or "BHISB."**

Baghouse Monitoring:
Select one of the following options for the visible emissions inspection methods for affected facilities using a baghouse to control emissions. Enter the code on the form.

Code	Description
M22A7	Method 22 of 40 CFR Part 60, Appendix A-7
BLDS	Using a bag leak detection system and electing to comply with the requirements of § 60.674(d)(1)-(3)
LIME	Affected facility is subject to the requirements for processed stone handling operations in 40 CFR Part 63, Subpart AAAAA (Lime Manufacturing Plants) and electing to follow the continuous compliance requirements in row 1 items (i) through (iii) of Table 6 to Subpart AAAAA of 40 CFR Part 63

★ **Complete "Baghouse Operation" only if:**
1. **"Facility Type" is "STGBN" AND "Control Device Type" is "BH" or "BHISB.;" or**
2. **"Facility Type" is "ENTKRC" or "BLDGVST" AND "Control Device Type" is "BH."**

Baghouse Operation:
Select one of the following options for storage bins and enclosed truck or railcar loading stations using a baghouse to control emissions. Enter the code on the form.

Code	Description
1HR-	Affected facility operates for less than one hour at time
1HR+	Affected facility operates for at least one hour at a time

★ **Do not complete "PM Concentration Method" if "Facility Type" is "BLDGNOV**," **"Capture System" is "NOCAP," or "**93TControl Device Type" is93T **"BHISB."**

PM Concentration Method:
Select one of the following options for the method used to determine the particulate matter concentration. Enter the code on the form.

Code	Description
M5A3	Method 5 of 40 CFR Part 60, Appendix A-3
M17A6	Method 17 of 40 CFR Part 60, Appendix A-6
M5IA3	Method 5I of 40 CFR Part 60, Appendix A-3

- **Do not continue if "Capture System" is "CAP."**

Emissions Interference:
Select one of the following options for the emissions interference type influencing the affected facility. Enter the code on the form.

Code	Description
INT	Emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from the individual affected facility cannot be read
NOINT	No emissions interference occurs for the affected facility

Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart F: Standards of Performance for Portland Cement Plants

★ **Complete Tables 3a - 3c only for the following affected facilities in Portland cement plants: Kiln, clinker cooler, raw mill system, finish mill system, raw mill dryer, raw material storage, clinker storage, finished product storage, conveyor transfer points, *bagging and bulk loading and unloading systems.***

Unit ID No.:
Enter the identification number (ID No.) for the Portland cement plant unit or process as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:
Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
71-	Constructed, reconstructed, or modified on or before August 17, 1971
71-08	Constructed, reconstructed, or modified after August 17, 1971, but on or before June 16, 2008
08+	Constructed or reconstructed after June 16, 2008
08+M	Modified after June 16, 2008

- **Continue only if "Construction/Modification Date" is "71-08", "08+", or "08+M."**

Facility Type:
Select one of the following options for the facility type within a Portland cement plant. Enter the code on the form.

Code	Description
KILN	Kiln
CLINK	Clinker cooler
RAW	Raw mill system
FINSH	Finish mill system
RDRY	Raw mill dryer
RSTOR	Raw material storage
CLSTO	Clinker storage
FNSTO	Finished product storage
CVTP	Conveyor transfer points
BAG	Bagging system
LOAD	Loading and unloading system

- **If "Facility Type" is "RAW," "FINSH," "RDRY," "RSTOR," "CLSTO," "FNSTO," "CVTP," "BAG," or "LOAD" continue onto Table 3b. Do not complete the remainder of Table 3a.**

★ **Complete "Kiln/Clinker Cooler Combined" only if "Facility Type" is "KILN."**

Kiln/Clinker Cooler Combined:
Enter "YES" if the kiln and clinker cooler exhaust are combined for energy efficiency purposes and sent to a single control device. Otherwise, enter "NO."

★ **Complete "Alternate PM Limit" only if "Kiln/Clinker Cooler Combined" is "YES."**

Alternate PM Limit:
Enter "YES" if the appropriate kiln PM limit is adjusted using the procedures in §63.1343(b). Otherwise, enter "NO."

★ **Complete "Kiln Alkali Bypass" only if "Facility Type" is "KILN."**

Kiln Alkali Bypass:
Enter "YES" if the kiln has a separate alkali bypass stack. Otherwise, enter "NO."

Table 3b: **Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart F: Standards of Performance for Portland Cement Plants**

Unit ID No.:
Enter the identification number (ID No.) for the Portland cement plant unit or process as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

BLDS (Bag Leak Detection System):
Enter "YES" if a bag leak detection system is being used. Otherwise, enter "NO."

EPA Alternative Requirements:
Enter "YES" if alternative monitoring requirements are approved by the EPA administrator. Otherwise, enter "NO."

EPA Alternative Requirements ID:
If alternative continuous monitoring has been approved, then enter the corresponding unique identifier for each unit or process (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

★ **Complete "RM/FM Emissions Monitoring System" only if "Facility Type" is "RAW" or "FINSH."**

RM/FM Emissions Monitoring System:
Select one of the following options that describe the raw mill or finish mill emissions monitoring system. Enter the code on the form.

Code	Description
COMS	Continuous opacity monitoring system
BLDS	Bag leak detection system
DAYVIS	Daily visible emissions observations

Table 3c: **Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart F: Standards of Performance for Portland Cement Plants**

Unit ID No.:
Enter the identification number (ID No.) for the Portland cement plant unit or process as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

- **Continue only if "Facility Type" is "KILN" and "Construction/Modification Date" is "08+."**

90% Reduction:
Enter "YES" if there is 90% SOR_2R emissions reduction or greater measured across the SOR_2R control device. Otherwise, enter "NO."

Table 4: **Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart HH: Standards of Performance for Lime Manufacturing Plants**

★ **Complete only for rotary lime kilns used in the manufacture of lime.**

Unit ID No.:
Enter the identification number (ID No.) for the rotary lime kiln located within a lime manufacturing plant as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:
Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
77-	On or before April 3, 1977
77+	After April 3, 1977

Rotary Lime Kiln:
Enter "YES" if the unit is a rotary lime kiln used in the manufacture of lime. Otherwise, enter "NO."

- **Continue only if "Construction/Modification Date" is "77+" and "Rotary Lime Kiln" is "YES."**

Manufacture Type:
Enter "YES" if the facility is used in the manufacture of lime at kraft pulp mills. Otherwise, enter "NO."

- **Continue only if "Manufacture Type" is "NO."**

Wet Scrubber:
Enter "YES" if a wet scrubber emissions control device is used. Otherwise, enter "NO."

Control Device ID No.:
If applicable, enter the identification number for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

- **Continue only if "Wet Scrubber" is "NO."**

Multiple Stack:
Enter "YES" if a control device with a multiple stack exhaust or roof monitor system is used. Otherwise, enter "NO."

Control Device ID No.:
If applicable, enter the identification number for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

Table 5: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60), Subpart UUU: Standards of Performance for Calciners and Dryers in Mineral Industries

Unit ID No.:
Enter the identification number (ID No.) for the calciners and dryers as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Construction/Modification Date:
Select one of the following options that describe the date of commencement of the most recent construction, modification, or reconstruction. Enter the code on the form.

Code	Description
86-	On or before April 23, 1986
86+	After April 23, 1986

- **Continue only if "Construction/Modification Date" is "86+."**

Wet Scrubber:
Enter "YES" if the affected unit uses a wet scrubber to comply with the mass emission standard. Otherwise, enter "NO."

Control Device ID No.:
If applicable, enter the identification number for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

- **Continue only if "Wet Scrubber" is "NO."**

PM Emissions:
Select one of the following options for the particulate matter (PM) emission rate of the unit. Enter the code on the form.

Code	Description
10-	PM emissions are less than 10 Mg/yr (11 Tons/yr)
10+	PM emissions are greater than or equal to 10 Mg/yr (11 Tons/yr)

- **Continue only if "PM Emissions" is "10+."**

Dry Control(b):
Enter "YES" if the unit uses a dry control device and is on the following list. Otherwise, enter "NO."

Ball clay vibrating grate dryer
Bentonite rotary dyer;
Diatomite flash dryer
Diatomite rotary calciner
Feldspar rotary dryer
Fire clay rotary dryer
Industrial sand fluid bed dryer
Kaolin rotary calciner
Perlite rotary dryer
Roofing granules rotating dryer
Talc rotary calciner
Titanium dioxide spray dryer
Titanium dioxide fluid bed dryer
Vermiculite fluid bed dryer
Vermiculite rotary dryer

Dry Control(c):
Enter "YES" if the unit uses a dry control device and is on the following list. Otherwise, enter "NO."

Ball clay rotary dyer
Diatomite rotary dyer
Feldspar fluid bed dryer
Fuller's earth rotary dryer
Gypsum rotary dryer
Gypsum flash calciner
Gypsum kettle calciner
Industrial sand rotary dryer
Kaolin rotary dryer
Kaolin multiple hearth furnace
Perlite expansion furnace
Talc flash dryer
Talc rotary dryer
Titanium dioxide direct or indirect rotary dryer
Vermiculite expansion furnace

Control Device ID No.:
If applicable, enter the identification number for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM. Use multiple lines if more than one control device is used. If there is no control device, then leave this column blank.

Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart LLL: National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry

★ **Complete Tables 5a - 5c only for affected sources specified in 40 CFR § 63.1340(b), located at Portland cement plants.**

Unit ID No.:
Enter the identification number (ID No.) for the Portland cement plant unit (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Major Source:
Enter "YES" if the affected source is located at Portland cement plant that is a major source as defined in 40 CFR § 63.2. Otherwise, enter "NO."

Facility Type:
Select one of the following options for the facility type within the Portland cement plant. Enter the code on the form.

For sources with a "Major Source" designation of "YES":

Code	Description
KILN1	Kiln
ILK-RM1	In-line kiln/raw mill
COOL	Clinker cooler
DRY1	Raw material dryer
RFMILL	Raw mill or finish mill
MISC	Raw material storage bin, clinker storage bin, finished product storage bin, conveying system transfer point, bagging system, bulk loading system, or bulk unloading system

For sources with a "Major Source" designation of "NO":

Code	Description
KILN2	Kiln
ILK-RM2	In-line kiln/raw mill
DRY2	Raw material dryer

★ **Complete "Burning Hazardous Waste" only if "Facility Type" is "KILN1," "KILN2," "ILK-RM1" or "ILK-RM2."**

Burning Hazardous Waste:
Enter "YES" if the kiln or in-line kiln/raw mill burns hazardous waste and is subject to and regulated under 40 CFR Part 63, Subpart EEE. Otherwise, enter "NO."

▼ **Do not continue if "Burning Hazardous Waste" is "YES."**

★ **Complete "Source Classification" only if "Facility Type" is "KILN1," "KILN2," "ILK-RM1," "ILK-RM2," "DRY1," or "DRY2."**

Source Classification:
Select one of the following options for the classification of the source. Enter the code on the form.

Code	Description
EXST	Existing source constructed, reconstructed or modified prior to March 24, 1998
BRNS1	Brownfield source constructed or reconstructed after 03/24/1998 and before 12/02/2005
BRNS2	Brownfield source constructed or reconstructed after 12/02/2005
GFNS1	Greenfield source constructed after 03/24/1998 and before 12/02/2005
GFNS2	Greenfield source constructed after 12/02/2005

★ **Complete "98% Weight Reduction" only if "Source Classification" is "BRNS2" or "GFNS2."**

98% Weight Reduction:
Enter "YES" if the owner or operator is electing to demonstrate compliance with the 98% by weight reduction limitation for THC. Otherwise, enter "NO."

- **Do not continue if "Facility Type" is "DRY2."**

Table 6b: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart LLL: National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry**

Unit ID No.:
Enter the identification number (ID No.) for the portland cement plant unit (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

★ **Complete "Alkali By-Pass" Only if "Facility Type" is "KILN1," "ILK-RM1," or "ILK-RM2."**

Alkali By-Pass:
Enter "YES" if there is an alkali by-pass associated with the kiln or in-line kiln/raw mill. Otherwise, enter "NO."

★ **Do not complete "Alternate Opacity Monitoring" if "Facility Type" is "KILN2" or "ILK-RM2."**

Alternate Opacity Monitoring:
Enter "YES" if an application has been submitted and approval received for alternate monitoring requirements to demonstrate compliance with the opacity emission standards. Otherwise, enter "NO."

★ **Complete "Raw/Finish Mill Opacity" only if "Facility Type" is "RFMILL."**

Raw/Finish Mill Opacity:
Select one of the following options for the opacity monitoring of the raw or finish mill. Enter the code on the form.

Code	Description
VIS	Conducting daily visible emissions observations according to 40 CFR § 63.1350(e)
COM	Using a continuous opacity monitors
BLDS	Using a bag leak detection system

- **Do not continue if "Facility Type" is "DRY1," "RFMILL," or "MISC."**

★ **Do not complete "Monovent" if "Facility Type" is "KILN2" or "ILK-RM2."**

Monovent:
Enter "YES" if the unit has a control device that exhausts through a monovent. Otherwise, enter "NO."

★ **Complete "COM Feasibility" only if "Monovent" is "NO."**

Com Feasibility:
Enter "YES" if the use of a continuous opacity monitor (COM), in accordance with the installation specifications of Performance Specification 1 of 40 CFR Part 60, Appendix B is not feasible. Otherwise, enter "NO."

★ **Complete "Multiple Stacks" only if "COM Feasibility" is "NO."**

Multiple Stacks:
Enter "YES" if a fabric filter with multiple stacks or an electrostatic precipitator with multiple stacks is used. Otherwise, enter "NO."

★ **Complete "COM" only if "Multiple Stacks" is "YES."**

COM:
Enter "YES" if a COM is used. Otherwise, enter "NO."

- **Continue only if "Facility Type" is "KILN1," "KILN2," "ILK-RM1," or "ILK-RM2."**

Table 6c: **Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart LLL: National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry**

Unit ID No.:
Enter the identification number (ID No.) for the Portland cement plant unit (maximum 14 characters) as listed on Form OP-SUM (Individual Unit Summary).

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP index numbers, please go to the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Performance Test Temperature:
Select one of the following options for the average of the performance test run average temperatures at the inlet to the particulate matter (PM) control device. Enter the code on the form.

Code	Description
204-	Less than or equal to 204° C (400° F)
204+	Greater than 204° C (400° F)

Carbon Injection:
Enter "YES" if carbon injection is employed as an emission control technique. Otherwise, enter "NO."

Control Device:
Enter "YES" if a control device other than ACI is used to comply with Mercury emission limitations. Otherwise, enter "NO."

Alternate Hg Monitoring:
Select one of the following options to indicate if alternate monitoring requirements have been approved to demonstrate compliance with the standards for mercury (Hg).

For units without carbon injection:

Code	Description
AM1	An application has been submitted and approval received for alternate monitoring requirements to demonstrate compliance with the Hg emission standards
NONE	No alternate Hg monitoring requirements have been approved

For units with carbon injection:

Code	Description
AMF	An application has been submitted and approval received for alternate monitoring requirements, in lieu of only the 40 CFR § 63.1350(f) requirements, to demonstrate compliance with the Hg emission standards
AMG	An application has been submitted and approval received for alternate monitoring requirements, in lieu of only the 40 CFR § 63.1350(g) requirements, to demonstrate compliance with the Hg emission standards
AMFG	An application has been submitted and approval received for alternate monitoring requirements, in lieu of the 40 CFR § 63.1350(f) and (g) requirements, to demonstrate compliance with the Hg emission standards
NONE	No alternate Hg monitoring requirements have been approved

★ **Complete "Hg AMR Id No." only if "Alternate Hg Monitoring" is "AM1," "AMF," "AMG," or AMFG."**

Hg AMR ID No.:
If alternate monitoring requirements for Hg have been approved, please enter the AMR identification number (ID No.) for each unit (maximum 14 characters). If the AMR identification number is unavailable, enter the date of the approval letter. The identification number and/or the date of the approval letter are contained in the compliance file under the appropriate regulated entity number. Otherwise, leave this column blank.

Alternate D/F Monitoring:
Select one of the following options to indicate if alternate monitoring requirements have been approved to demonstrate compliance with the standards for dioxins and furans (D/F).

For units without carbon injection:

Code	Description
AM1	An application has been submitted and approval received for alternate monitoring requirements to demonstrate compliance with the D/F emission standards
NONE	No alternate D/F monitoring requirements have been approved

For units with carbon injection:

Code	Description
AMF	An application has been submitted and approval received for alternate monitoring requirements, in lieu of only the 40 CFR § 63.1350(f) requirements, to demonstrate compliance with the D/F emission standards
AMG	An application has been submitted and approval received for alternate monitoring requirements, in lieu of only the 40 CFR § 63.1350(g) requirements, to demonstrate compliance with the D/F emission standards
AMFG	An application has been submitted and approval received for alternate monitoring requirements, in lieu of the 40 CFR § 63.1350(f) and (g) requirements, to demonstrate compliance with the D/F emission standards
NONE	No alternate D/F monitoring requirements have been approved

★ Complete "D/F AMR Id No." only if "Alternate Hg Monitoring" is "AM1," "AMF," "AMG," or AMFG."

D/F AMR ID No.:
If alternate monitoring requirements for D/F have been approved, please enter the AMR identification number (ID No.) for each unit (maximum 14 characters). If the AMR identification number is unavailable, enter the date of the approval letter. The identification number and/or the date of the approval letter are contained in the compliance file under the appropriate regulated entity number. Otherwise, leave this column blank.