



Texas Commission on Environmental Quality

Form OP-UA64 - Instructions Coal Preparation Plant Attributes

General:

This form is used to provide a description and data pertaining to all coal preparation 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 coal preparation 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:

Tables 1a-1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Y: Standards of Performance for Coal Preparation Plants

The Texas Commission on Environmental Quality (TCEQ) Regulated Entity Number (RNXXXXXXXXXX) 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 (EPA) 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 Web site at www.tceq.texas.gov/permitting/central_registry.

Specific:

**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Y: Standards of Performance for Coal Preparation Plants**

- ★ **Complete this table only for the following affected facilities at a coal preparation plant with a design capacity greater than 200 tons of coal per day: thermal dryers, pneumatic coal-cleaning equipment (air tables), and coal processing and conveying equipment (including breakers and crushers), coal storage systems, coal transfer and loading systems or mechanical vents.**

Note: For more information about actual processing or design capacity, refer to the TCEQ Rule Interpretation Number 60Y.001.

- ★ **DO NOT complete this table if the plant chooses the option to operate under a federally enforceable limit of less than 200 tons per day.**
- ★ **DO NOT complete this table for open storage piles. Complete the form OP-REQ1.**

Unit ID No.:

Enter the identification number (ID No.) for the coal preparation equipment (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

Note: Affected facilities may be grouped or aggregated as processes in Table 1a. Unit identification numbers should be listed in Table 1a, even if no other responses are required.

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 refer to the TCEQ website at www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf.

- ▼ **Continue only if “Federally Enforceable Limit Option” is “NO.”**

Affected Facility:

Select one of the following options for the affected facility describing the unit. Enter the code on the form.

<u>Code</u>	<u>Description</u>
THMDRY	Thermal dryers
PNMCLN	Pneumatic coal-cleaning equipment (air tables)
CLSYST	Coal processing and conveying equipment (including breakers and crushers), coal storage systems (excluding open storage piles), or coal transfer and loading systems
MECHVNT	Mechanical Vent

★ Complete “Covered Under Another Subpart” only if “Affected Facility” is “THMDRY.”

Covered Under Another Subpart:

Enter “YES” if the thermal dryers are receiving all of their thermal input from an affected facility covered under another 40 CFR Part 60 subpart. Otherwise, enter “NO.”

Construction/Reconstruction/Modification Date:

Select one of the following options that describe the date of commencement of the most recent construction, reconstruction, or modification for any of the affected facilities. Enter the code on the form.

Thermal Dryers

<u>Code</u>	<u>Description</u>
74-	On or before October 24, 1974
74-08	After October 24, 1974 and before April 28, 2008
C08-09	Constructed after April 28, 2008 and before May 27, 2009
R08-09	Reconstructed after April 28, 2008 and before May 27, 2009
M08-09	Modified after April 28, 2008 and before May 27, 2009
C09+	Constructed after May 27, 2009
R09+	Reconstructed after May 27, 2009
M09+	Modified after May 27, 2009

Pneumatic coal-cleaning equipment (air tables), coal processing and conveying equipment (including breakers and crushers), coal storage systems (excluding open storage piles), coal transfer and loading systems, or mechanical vent

<u>Code</u>	<u>Description</u>
74-	On or before October 24, 1974
74-08	After October 24, 1974 and before April 28, 2008
C08+	Constructed after April 28, 2008
R08+	Reconstructed after April 28, 2008
M08+	Modified after April 28, 2008

▼ Do Not Continue if “Affected Facility” is “THMDRY, PNMCLN, or CLSYST” and “Construction/Reconstruction/Modification Date” is “74-” or “Affected Facility” is “MECHVNT” and “Construction/Reconstructed/Modification Date” is “74- or 74-08”

★ Do not complete “Control Device Type” if “Affected Facility” is “PNMCLN or CLSYST” and “Construction/Modification Date” is “74-08.”

Control Device Type:

Select one of the following options to describe if the unit uses a control device. Enter the code on the form.

Thermal Dryers, Pneumatic coal-cleaning equipment (air tables) or Coal processing and conveying equipment (including breakers and crushers), coal storage systems (excluding open storage piles), or coal transfer and loading systems

<u>Code</u>	<u>Description</u>
BLDS	Emissions are controlled by a bag leak detection system complying with the requirements in §60.256(c)
WTSCR	Emissions are controlled by a wet scrubber
OTH	Emissions are controlled by control equipment other than a wet scrubber
NONE	Emissions are not controlled by a control device

Mechanical Vents

<u>Code</u>	<u>Description</u>
FABFLT	Emissions are controlled by a fabric filter with a design controlled PM emission of 25 Mg (28 tons) per year or more with a bag leak detection system complying with the requirements in §60.256(c)
WTSCR	Emissions are controlled by a wet scrubber
OTH	Emissions are controlled by control equipment other than a wet scrubber

Control Device ID No.:

Enter the identification number (ID No.) for the control device to which emissions are routed (maximum 10 characters). 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.

★ **Do not complete “COMPLIANCE OPTION” if “Affected Facility” is “MECHVNT.”**

Compliance Option:

Select one of the following options that describes which monitoring option the affected facility is using. Enter the code on the form.

<u>Code</u>	<u>Description</u>
255F	Affected facility electing to comply with the requirements of §60.255(f)(1) or §60.255(f)(2)
255G	Affected facility using a COMS to comply with the requirements of §60.255(g)(1) or §60.255(g)(2)
255B2	Affected facility is complying with §60.255(b)(2)

★ **Do not complete “Digital Opacity” if “Affected Facility” is “MECHVNT.”**

Digital Opacity:

Enter “YES” if the affected facility is using a monitoring plan for a digital opacity compliance system. Otherwise, enter “NO.”

**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Y: Standard of Performance for Coal Preparation Plants**

Unit ID No.:

Enter the identification number (ID No.) for the coal preparation equipment (maximum 10 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 refer to the TCEQ website at www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf.

- ★ Complete “Thermal Input of SO₂” if “Affected Facility” is “THMDRY” and “Construction/Modification Date” is “C09+, R09+, or M09+.”

Thermal Input of SO₂:

Enter “YES” if the thermal dryers are receiving all of their thermal input from a source other than coal or residual oil, or receive all of their thermal input from a source subject to an SO₂ limit under another subpart of 40 CFR Part 60, or that use waste heat or residual from the combustion of coal or residual oil as their only input. Otherwise, enter “NO.”

- ★ Complete “Comply with §60.252(b)(2)(i)” if “Thermal Input of SO₂” is NO.

Comply with §60.252(b)(2)(i):

Enter “YES” if the thermal dryer is comply with the emission limitation of §60.252(b)(2)(i). Otherwise, enter “NO.”

- ★ Complete “Thermal Input of NO_x/CO” if “Affected Facility” is “THMDRY” and “Construction/Modification Date” is “C09+, R09+, M09+.”

Thermal Input of NO_x/CO:

Enter “YES” if the thermal dryers are receiving all of their thermal input from a source other than coal or residual oil, or receive all of their thermal input from a source subject to a NO_x limit and/or CO limit under another subpart of 40 CFR Part 60, or that use waste heat or residual from the combustion of coal or residual oil as their only input. Otherwise, enter “NO.”

- ★ Complete “PM Emission Rate” if “Affected Facility” is “PNMCLN or MECHVNT” and “Construction/Modification Date” is “C08+, R08+, or M08+.”

PM Emission Rate:

Enter “YES” if the control device used is with a PM emission rate of 1.0 Mg (1.1 tons) per year or less and meets the requirements of §60.255(d)(1)-(3). Otherwise, enter “NO.”

**Coal Preparation Plant Attributes
Form OP-UA64 (Page 1)
Federal Operating Permit Program**

**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Y: Standards of Performance for Coals Preparation Plants**

Date:	Permit No.:	Regulated Entity No.:
Area Name:		Customer Reference No.:

Unit ID No.	SOP Index No.	Affected Facility	Covered Under Another Subpart	Construction/Reconstruction/Modification Date	Control Device Type	Control Device ID No.	Compliance Option	Digital Opacity

**Coal Preparation Plant Attributes
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Federal Operating Permit Program**

**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Y: Standards of Performance for Coals Preparation Plants**

Unit ID No.	SOP Index No.	Thermal Input of SO ₂	Comply with §60.252(b)(2)(i)	Thermal Input of NO _x /CO	PM Emission Rate