



Texas Commission on Environmental Quality
Form OP-UA43
Sulfuric Acid Production Attributes

General:

This form is used to provide a description and data pertaining to all sulfuric acid production facilities 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 sulfuric acid production facility, 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 H: Standards of Performance for Sulfuric Acid Plants

Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)
Control of Air Pollution from Sulfur Compounds (Sulfuric Acid Production)

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 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 which maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred 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.

Specific:

**Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart H: Standards of Performance for Sulfuric Acid Plants**

Process ID No.: Enter the identification number (ID No.) for the sulfuric acid production unit (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/sop_initial.pdf.

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

Code	Description
71-	On or before August 17, 1971
71+	After August 17, 1971

▼ **Continue Only if “Construction/Modification Date” is “71+.”**

Process Design: Enter “YES” if the source processes elemental sulfur, or an ore that contains elemental sulfur and uses air to supply oxygen. Otherwise, enter “NO.”

▼ **Continue Only if “Process Design” is “YES.”**

Emission Rate: Enter “YES” if the facility is using the optional monitoring method in 40 CFR § 60.84(d) to determine emission rates. Otherwise, enter “NO.”

Optional Procedures: Enter “YES” if the facility is using the optional procedures in 40 CFR § 60.85(c). Otherwise, enter “NO.”

**Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)
Control of Air Pollution from Sulfur Compounds (Sulfuric Acid Production)**

Process ID No.: Enter the identification number (ID No.) for the sulfuric acid facility (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/sop_initial.pdf.

Facility Type: Select one of the following options, which best describes the type of facility. Enter the code on the form.

Code	Description
ELEMCON	Sulfuric acid plant burning elemental sulfur by contact process
ELEMNON	Sulfuric acid plant burning elemental sulfur not using contact process
SULFCON	Sulfuric acid plant that burns one of the specified materials in 30 TAC § 112.41, except elemental sulfur, by contact process
SMELTCON	Sulfuric acid plant that is a nonferrous smelting process that burns one of the specified materials in 30 TAC § 112.41 by contact process
SMELTNON	Sulfuric acid plant that is a nonferrous smelting process that burns one of the specified materials in 30 TAC § 112.41 not using contact process
OLEUM	Oleum facility that burns elemental sulfur or one of the specified materials in 30 TAC § 112.41 by contact process
OTHER	Any other type of sulfuric acid plant that does not use contact process

▼ **Continue Only if “Facility Type” Is “ELEMCON,” “ELEMNON”, “SULFCON,” OR “OTHER.”**

Effective Stack Height: Enter “YES” if the effective stack height is less than the standard effective stack height. Otherwise, enter “NO.”

Production Capacity: Select one of the following options which best describes the production capacity of the sulfuric acid plant. Enter the code on the form.

Code	Description
300-	Production capacity is less than or equal to 300 tons per day (expressed as 100 percent acid)
300+	Production capacity is greater than 300 tons per day (expressed as 100 percent acid)

★ **Complete “Facility Use” only if the “Facility Type” is “ELEMCON,” “SULFCON”, “SMELTCON,” or “OLEUM.”**

Facility Use: Enter “YES” if the plant is used exclusively as a sulfur dioxide control system, chamber process plant, acid concentrator, or oleum transfer and storage facility. Otherwise, enter “NO.”

Texas Commission on Environmental Quality
Sulfuric Acid Production Attributes
Form OP-UA43 (Page 1)
Federal Operating Permit Program

Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart H: Standards of Performance for Sulfuric Acid Plants

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

Process ID No.	SOP Index No.	Construction/ Modification Date	Process Design	Emission Rate	Optional Procedures

**Texas Commission on Environmental Quality
Sulfuric Acid Production Attributes
Form OP-UA43 (Page 2)
Federal Operating Permit Program**

**Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112)
Control of Air Pollution from Sulfur Compounds (Sulfuric Acid Production)**

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

Process ID No.	SOP Index No.	Facility Type	Effective Stack Height	Production Capacity	Facility Use