



Texas Commission on Environmental Quality
Form OP-UA40
Ferroalloy Production Facility Attributes

General:

This form is used to provide a description and data pertaining to all submerged electric arc furnaces and dust handling equipment at ferroalloy production 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 an emission point, unit, or process, 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 Z: Standards of Performance for Ferroalloy Production Facilities

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, 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/index.html.

Specific:

**Table 1: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Z: Standards of Performance for Ferroalloy Production Facilities**

★ **Complete only for electric submerged arc furnaces and dust handling equipment at ferroalloy production plants.**

Unit ID No.: Enter the identification number (ID No.) for the electric submerged arc furnace or dust handling 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/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
74-	On or before October 21, 1974
74+	After October 21, 1974

▼ **Continue only if “Construction/Modification date” is “74+.”**

Unit Type: Select one of the following options to describe the unit located at a ferroalloy production plant. Enter the code on the form.

Code	Description
EAF	Electric submerged arc furnace
DUST	Electric submerged arc furnace with dust handling equipment

Ferroalloy Produced: Select one of the following options for the type of ferroalloy produced by the electric submerged arc furnace. Enter the code on the form.

Code	Description
262A1	Any of the following: silicon metal, ferrosilicon, calcium silicon, or silicomanganese zirconium
262A2	Any of the following: ferrochrome silicon, silvery iron, high-carbon ferrochrome, charge chrome, standard ferromanganese, silicomanganese, ferromanganese silicon, or calcium carbide

Volumetric Flow Rate Determination: Select one of the following options for the method used to determine the volumetric flow rate through the capture system. Enter the code on the form.

Code	Description
CMS265C	The owner or operator is maintaining a monitoring device that continuously measures and records the volumetric flow rate through each hood of the capture system
ALT265E	The owner or operator is determining volumetric flow rate through the capture system by using the fan power consumption, pressure drop across the fan, and the fan performance curve

**Texas Commission on Environmental Quality
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 Form OP-UA40 (Page 1)
 Federal Operating Permit Program**

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

Unit ID No.	SOP Index No.	Construction/ Modification Date	Unit Type	Ferroalloy Produced	Volumetric Flow Rate Determination