



**Texas Commission on Environmental Quality**  
**Form OP-UA46 - Instructions**  
**Epoxy Resins Production and Non-Nylon Polyamides Production Attributes**

**General:**

This form is used to provide a description and data pertaining to all basic liquid epoxy resins and wet strength resin manufacturers with potentially applicable requirements associated with a particular account 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 basic liquid epoxy resin or a wet strength resin manufacturer 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 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 63 (40 CFR Part 63)

Subpart W: National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production

The Texas Commission on Environmental Quality (TCEQ) primary account number(XX-XXXX-X) 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 account 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.

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**Specific:**

**Table 1:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart W: National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production

PROCESS ID NO.: Enter the identification number (ID No.) for the basic liquid epoxy resins (BLR) or the wet strength resins (WSR) manufacturer (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 guidance document entitled "Federal Operating Permit Application Guidance Document."

**RESEARCH AND DEVELOPMENT:** Enter "YES" if the facility is a research and development facility. Otherwise, enter "NO."

▼ **Continue only if "Research and Development" is "NO."**

**FACILITY TYPE:** Select one of the following options that describes the facility type. Enter the code on the form.

<u>Code</u>	<u>Description</u>
BLR	Manufacturer of basic liquid epoxy resins
WSR	Manufacturer of wet strength resins

**EXISTING SOURCE:** Enter "YES" if the facility is an existing source built before March 8, 1995. Otherwise, enter "NO."

★ **Complete "HAP Emissions" only if "Facility Type" is "BLR."**

**HAP EMISSIONS:** Enter "YES" if any of the uncontrolled emission points are emitting greater than 1 lb/yr of hazardous air pollutants (HAPS). Otherwise, enter "NO".

★ **Complete "Complying with 40 CFR Part 63, Subpart H" only if "Facility Type" is "WSR."**

**COMPLYING WITH 40 CFR Part 63, SUBPART H:** Enter "YES" if the facility is complying with 40 CFR Part 63, Subpart H. Otherwise enter "NO."

▼ **Continue only if "Complying with 40 CFR Part 63, Subpart H" is "NO" or if "HAP Emissions" is "YES."**

**CONTROL TECHNIQUE:** Select one of the following options for the type of control device used. Enter the code on the form.

<u>Code</u>	<u>Description</u>
SCRUB	Water scrubber
COND	Condenser ( <i>only for a "Facility Type" designation of "BLR"</i> )
CPV	Condenser on process vents ( <i>only for a "Facility Type" designation of "WSR"</i> )
CADS	Carbon adsorber or has uncontrolled process vents
FLARE	Flare

**CONTROL DEVICE ID NO.:** If applicable, 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 (Individual Unit Summary). If there is no control device, then leave this column blank.



**Epoxy Resins Production and Non-Nylon Polyamides Production Attributes  
Form OP-UA46  
Federal Operating Permit Program**

**Table 1: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart W: National Emission Standards for Epoxy Resins Production and Non-Nylon Polyamides Production**

<b>Date:</b>	<b>Account No.:</b>	<b>Permit:</b>
<b>Area Name:</b>		

Process ID No.	SOP Index NO.	Research and Development	Facility Type	Existing Source	HAP Emissions	Complying with 40 CFR Part 63, Subpart H	Control Technique	Control Device ID No.