



Antelope Valley Air Quality Management District

2551 West Ave H, Lancaster, CA 93536

661-723-8070

Visit our web site: <http://www.avaqmd.ca.gov>

Barbara Lods, Executive Director

January 23, 2026

Comprehensive Emission Inventory (CEI)
Requirements Beginning Emission Year 2025

ADVISORY

This advisory provides information regarding more rigorous CEI requirements:

Background

The California Air Resources Board (CARB) is requiring more information than in previous emission years. The increased requirements are due to CARB utilizing the CEI data to satisfy the requirements of multiple CARB programs including:

- The AB 2588 Air Toxics "Hot Spots" Emission Inventory Criteria and Guidelines Regulation (Hot Spots/ECIG)
- Regulation for Reporting Criteria Air Pollutants and Toxic Air Contaminants (CTR)
- Air Emissions Reporting Requirements (AERR, implemented by USEPA)

In efforts to meet these requirements, the District will be requiring facilities to submit reports which include more detailed information than has been approved/accepted in the past. Failure to adhere to these requirements will result in a disapproval of the CEI submission and potential enforcement action.

Requirements Beginning EY25

- Facilities required to submit a HARP2 .tra file are **required** to request the most recent approved .tra file from the District and to update that file to reflect the emission year being reported. Submissions not beginning with an approved .tra file will result in disapproval of the CEI submission.
- Facilities required to submit a HARP2 .tra file are required to follow the structure/naming conventions specified in the District Comprehensive Emission Inventory Guidance. Failure to structure/name devices/processes according to the guidance will result in disapproval of the submission.
- Facilities required to submit a HARP2 .tra file are required to update to the most recent software version of the HARP2 program available on the date that the inventory is submitted to the District. CARB performs updates throughout the year which results in changes to fields/available options within the program. It is necessary that facility's submitting their own HARP2 .tra are working in the most current software version of the HARP2 program. The HARP2 software can be download from the CARB's website here: <https://ww2.arb.ca.gov/our-work/programs/hot-spots-analysis-reporting-program>
- Facilities submitting .tra files to the District are **required** to install and run the validation tool prior to submitting the file to the District <https://ww2.arb.ca.gov/resources/documents/harp-emission-inventory-module>

Changes to HARP2 Emission Inventory Module (EIM) Software:

- Import capabilities available in previous versions of the software have been modified. Facilities using Excel to import data into the HARP2 EIM will require modification. A sample import Excel spreadsheet can be found here: <https://ww2.arb.ca.gov/resources/documents/harp-emission-inventory-module>
- CARB is requiring that most fields within the HARP2 EIM are filled in, this is a change from the requirements for previous submissions. Facilities submitting forms for the District to use to construct the HARP2 file will also be required to submit more detailed information. Please see table pages 3-6 of this advisory for a list of required fields.

Other Important Reminders:

- Portable equipment operated at stationary sources: Emissions from portable/various locations equipment are **required** to be included in the emissions inventory for the permitted facility at which work is being performed. If the equipment operates at a facility not required to have district permits or one that operates under a different SIC code and the processed material is not being fed into that facility's process stream then the emissions shall be reported in an emission inventory for the facility that owns/operates the portable equipment.
- Coating Operations and Safety Data Sheets: Coating operations including but not limited to autobody shops are **required** to submit the SDS for all solvents and coatings used in addition to the amount of each used during the year being reported. This requirement also applies to all catalysts, hardeners and other coating components that make up the as applied coating.

AVAQMD current emission inventory guidance, default emission factors, forms and instructions for submittal can be found on AVAQMD's webpage here:

<https://www.avagmd.ca.gov/emissions-inventory-program>.

Should you have any questions pertaining to this advisory, do not hesitate to contact the District's Engineering Section via phone (661-723-8070) or email engineering@avagmd.ca.gov.

CEIDARS Table	CEIDARS Field Name	CTR Reporting Parameter	Required By		Field is populated using a standardized code (Utility Table/Domain)	Maximum Field Width (Number of characters)	Field Restriction	Notes
			CEIDARS	CTR				
FAC	CO	County	Y	Y	Y	2	Number	
FAC	FACID	Facility ID number	Y	Y		9	Number	
FAC	AB	Air Basin	Y	Y	Y	3	Characters	
FAC	DIS	District	Y	Y	Y	3	Characters	
FAC	FNAME	Facility Name		Y		60	Characters	
FAC	FSTREET	Facility Street		Y (if applicable)		60	Characters	
FAC	FCITY	Facility City		Y (if applicable)		20	Characters	
FAC	FZIP	Facility ZIP code		Y (if applicable)		5	Integers	
FAC	FZIPEXT	Facility ZIP extension		Y (if applicable)		4	Integers	
FAC	FSIC	Facility SIC code	Y	Y	Y	4	Integers	
FAC	FNAICS	Facility NAICS code		Y	Y	6	Characters	
FAC	COORD_SYS	Coordinate system		Y	Y	3	Characters	
FAC	DATUM	Datum		Y	Y	5	Characters	
FAC	X_USERCOORD	Longitude		Y		6	Number	Google Map shows "Y_USERCOORD,X_USERCOORD" (not the other way around)
FAC	Y_USERCOORD	Latitude		Y		6	Number	Google Map shows "Y_USERCOORD,X_USERCOORD" (not the other way around)
FAC	MNAME	Owner/Operator legal name		Y		60	Characters	
FAC	MSTREET	Mailing address		Y		60	Characters	
FAC	MCITY	Mailing city		Y		20	Characters	
FAC	MSTATE	Mailing state		Y		2	Characters	
FAC	MZIP	mailing ZIP		Y		5	Integers	
FAC	MZIPEXT	Mailing ZIP ext.		Y (if applicable)		4	Integers	
DEV	CO	County	Y	Y	Y	2	Number	
DEV	FACID	Facility ID number	Y	Y		9	Number	
DEV	AB	Air Basin	Y	Y	Y	3	Characters	
DEV	DIS	District	Y	Y	Y	3	Characters	
DEV	DEV	Device ID number	Y	Y		6	Integers	
DEV	DEVNM	Device name		Y		40	Characters	

DEV	PERID	Device Permit ID		Y		32	Characters	
DEV	EQSIZE	Design capacity		Y (if applicable)		10	Number	Required for combustion devices only
DEV	EQUITC	Design capacity units		Y (if applicable)	Y	5	Integers	Required for combustion devices only; use the codes listed in the EQSIZEUNIT utility table
DEV	EQTYPEC	EPA Unit Type Code		Y	Y	5	Integers	Use the codes listed in the EQTYPE utility table
PRO	CO	County	Y	Y	Y	2	Number	
PRO	FACID	Facility ID number	Y	Y		9	Number	
PRO	AB	Air Basin	Y	Y	Y	3	Characters	
PRO	DIS	District	Y	Y	Y	3	Characters	
PRO	DEV	Device ID number	Y	Y		6	Integers	
PRO	PROID	Process ID number	Y	Y		14	Number	
PRO	PRDESC	Process description		Y		60	Characters	
PRO	SCC	SCC code	Y	Y	Y	14	Number	
PRO	SIC	Process SIC code		Y	Y	14	Number	For Process SIC, the CEIDARS 2.5 format states: "Standard Industrial Classification or EIC; Domain: IF FACID>0, Table SIC, Else Table EIC"
PRO	NAICS	Process NAICS code		Y	Y	6	Characters	
PRO	PR	Activity level (process rate)		Y		11	Float	Report process rate data in process rate units (PRUNITS)
PRO	PRUNITS	Process rate units		Y	Y	4	Integers	Use the codes listed in the DEFPRUN utility table; If emissions are quantified using process rate and an emission factor, the use of default SCC units to quantify emissions is preferred, however report the units of measure that are actually used to quantify emissions regardless of whether the default SCC units, or other units of measure, were used.
PRO	PRORIG	Origin of PR data		Y	Y	3	Integers	Use the codes listed in the DEFPRORIG utility table
PRO	STK	Stack ID number		Y		6	Integers	
EMS	CO	County	Y	Y	Y	2	Number	
EMS	FACID	Facility ID number	Y	Y		9	Number	
EMS	AB	Air Basin	Y	Y	Y	3	Characters	
EMS	DIS	District	Y	Y	Y	3	Characters	
EMS	DEV	Device ID number	Y	Y		6	Integers	
EMS	PROID	Process ID number	Y	Y		14	Number	
EMS	POL	Pollutant code	Y	Y	Y	9	Integers	
EMS	CNTLEFF	Control efficiency		Y (if applicable)		4	Number	Only needs to be reported if used to quantify emissions

EMS	EMFACT	Emission factor		Y (if applicable)		10	Float	Report emission factor in units of "pounds per PRUNITS (process rate unit)" for toxics and in units of "tons per PRUNITS" for criteria pollutants (for each pollutant emission result reported). EMFACT and EMORIG can be left blank, if emissions are calculated using other methods (CEMS, mass balance, etc.).
EMS	EMORIG	EF origin		Y (if applicable)	Y	3	Integers	Use codes listed in the DEFEMORIG utility table; EMFACT and EMORIG can be left blank, if emissions are calculated using other methods (CEMS, mass balance, etc.)
EMS	EMS	Emissions	Y	Y		?	Float	Emissions should be reported in pounds per year for toxics, tons per year for criteria pollutants, and Curies per year for radionuclides
EMS	METH	Method		Y	Y	2	Integers	Use codes listed in the DEFMETH utility table
STK	CO	County	Y	Y	Y	2	Number	
STK	FACID	Facility ID number	Y	Y		9	Number	
STK	AB	Air Basin	Y	Y	Y	3	Characters	
STK	DIS	District	Y	Y	Y	3	Characters	
STK	STK	Stack ID number	Y	Y		6	Integers	
STK	STKNAME	Stack name		Y (if applicable)		60	Characters	
STK	STKHT	Stack height		Y (if applicable)		8	Number	Stack Hieght in feet
STK	STKDIAM	Stack diameter		Y (if applicable)		4	Number	Stack Diameter in feet
STK	GT	Gas exit temperature		Y (if applicable)		5	Number	Actual Gas Temp at exit in degrees F
STK	GF	Gas exit flow rate		Y (if applicable)		10	Number	Actual Gas Flow Rate in CFM
STK	GV	Gas exit velocity		Y (if applicable)		8	Number	Actual Gas Velocity in ft/minute
STK	COORD_SYS	Coordinate system		Y	Y	3	Characters	
STK	DATUM	Datum		Y	Y	5	Characters	
STK	X_USERCOORD	Stack longitude		Y		6	Number	
STK	Y_USERCOORD	Stack latitude		Y		6	Number	
STK	SRCTYP	Release location type		Y	Y	7	Characters	
S_UP	CO	County		Y (if applicable)		2	Number	Report Type of Release, as specified in ISC: POINT, VOLUME, AREA, or OPEN PIT.
S_UP	FACID	Facility ID number		Y (if applicable)		9	Number	
S_UP	AB	Air Basin		Y (if applicable)		3	Characters	
S_UP	DIS	District		Y (if applicable)		3	Characters	

S_UP	POL	Pollutant code		Y (if applicable)		9	Characters	
S_UP	USED	Is substance used?		Y (if applicable)		1	Characters	"Y or "N"
S_UP	PRODUCED	Is substance produced?		Y (if applicable)		1	Characters	"Y or "N"
S_UP	PRESENT	Is substance otherwise present?		Y (if applicable)		1	Characters	"Y or "N"
S_UP	HOW_PRESENT	Pounds used, produced or present		Y (if applicable)		39	Characters	Enter amount and units for substances reported as used, produced, or present.