

Air Quality: Reporting Requirements

Department: Chemical and General Safety

Program: Air Quality

Owner: Program Manager

Authority: ES&H Manual, Chapter 30, Air Quality¹

The air quality program manager, in addition to ensuring that SLAC's synthetic minor operating permit (SMOP) permit conditions are met, must collect and analyze data in order to stay in compliance with a range of federal, state, and regional requirements. This table summarizes all air quality program elements and reporting requirements. The NESHAPs and TRI reports are submitted to the USEPA, while the others are submitted to the Bay Area Air Quality Management District (BAAQMD). For more detailed information, see Air Quality: Air Pollutants, SLAC Emissions Sources, and Regulatory Reference.²

Program	Regulatory Level	Program Element(s)	Program Description	Reports / Deliverables	Annual Due Date (approximate)
Overall	Federal	SMOP (Title V)	Clean Air Act	Annual report / permit renewal	July 31
National Emissions Standards for Hazardous Air Pollutants (NESHAPs)	Federal	Halogenated solvent cleaners (currently four units on-site)	Emissions standards for air pollutants	Annual emissions report (incorporates first semi-annual exceedance report)	January 30
Toxics Release Inventory (TRI)	Federal	Reporting for copper (Cu) and lead (Pb) (typically)	Toxic chemical release reporting	Annual report (one form per chemical)	June 30
NESHAPs	Federal	Halogenated solvent cleaners	Emissions standards for air pollutants	Second semi-annual exceedance report	July 30
Air Toxics Inventory	State	Compare chemicals against thresholds	Air toxics information and assessment	Annual air toxics information update	April 13
Overall	Regional	Recordkeeping and data management for permitted sources	Air Quality	Annual update	April 13
Overall	Regional	Recordkeeping and data management	Air Quality	Adhesives use report	April 13
Gasoline Dispensing Facility (GDF)	Regional	Annual source test	Air Quality	Annual permit renewal	September 30

1 *SLAC Environment, Safety, and Health Manual* (SLAC-I-720-0A29Z-001), Chapter 30, "Air Quality", http://www-group.slac.stanford.edu/esh/environment/air_quality/policies.htm

2 *Air Quality: Air Pollutants, SLAC Emissions Sources, and Regulatory Reference* (SLAC-I-730-0A16T-001), <http://www-group.slac.stanford.edu/esh/eshmanual/references/airRefPollutants.pdf>