

SCAQMD's AB2588 Updates



Enforcement, Engineering, and Toxics Symposium
November 8, 2017

Rule 1402 Updates

- Rule 1402 Amendments approved on October 7, 2016
- Included a Voluntary Risk Reduction Program
 - 60% greater risk reduction (10 per million instead of 25 per million)
 - Achieves risk reduction faster than traditional program
 - Modified Public Notification – post on SCAQMD's website, include in AB2588 Annual Report, no public meetings
- Maintained Health Risk Thresholds

Rule 1402 Updates (concluded)

- Added Provision for Potentially High Risk Level Facilities
 - Facilities which exceed the Significant Risk Level (100 per million or Acute or Chronic HI of 5.0)
 - Requires an Early Action Risk Reduction Plan
 - Requires concurrent submittal of ATIR, HRA, and RRP
- Reduced risk reduction implementation timeframes
 - 2.5 years with one 2.5 year extension, instead of 3 years with multiple extensions

Rule 1401 Updates

- Rule 1401 Amendments approved on September 1, 2017
- Removed previous exemptions for gasoline dispensing facilities and spray booths
- All permitted sources are required to use Risk Assessment Procedures Version 8.1 which incorporates the 2015 OEHHA HRA Guidelines and updated meteorological data
 - Risk Assessment Calculator
- Table I list of air toxics updated

Meteorological Data Updates

- AERMOD-ready meteorological data from a total of 24 SCAQMD monitoring stations and ASOS stations in the Basin
- Processed for the years of 2010 – 2016, with the most recent 5 years of data that have passed quality assurance being provided for each station
- Incorporated climatological precipitation data into yearly moisture conditions for AERSURFACE
- Meteorological data processed with the ADJ_U* option is available

Meteorological Data Website Updates

- Data updates include:
 - AERMOD-ready meteorological data (version 9)
 - Removal of ISCST3-ready meteorological data
 - AERMOD-ready hourly ozone data (by month by hour)
- Guidance updates include:
 - NO₂ Tier 2: In keeping with the U.S. EPA's Appendix W, ARM will no longer be accepted starting October 1, 2017. Instead, modelers should use the ARM2 option in AERMOD.
 - Submittal requirements are now listed
 - New section on shoreline fumigation and inversion break-up for coastal sources



Questions