



Environmental Auditing: Air Quality Management in Yolo Solano

RELEASE 156 – MAY 2022

new & noteworthy

- **Air Quality – Sulfur Hexafluoride and GHG Emissions:** On January 14, 2022, the California Air Resources Board (CARB) adopted a final rule (California Notice Register 2021 No. 2-Z) that modifies the regulation aimed at reducing sulfur hexafluoride (SF₆) emissions from gas insulated equipment (GIE) used in electric power systems. The rule has been expanded to include GHGs and to clarify that it applies to not only switchgear, but other devices, as well. The rule also updates maximum annual SF₆ emission rates for owners of GIE equipment; implements a revised phase-out schedule for SF₆ and a corresponding phase-out exemption process; updates annual emission limits and methods for calculating emissions; amends reporting, recordkeeping, and inventory requirements; and adopts a nameplate capacity adjustment procedure. This rule was effective January 1, 2022.

This change impacts **Air Quality Management in YSAQMD (Introduction and Rulebook D, State-wide Rules)**.

- **Air Quality – Prohibitions on Certain Hydrofluorocarbons:** On January 7, 2022, the California Air Resources Board (CARB) adopted a final rule (California Notice Register 2021 No. 1-Z) that modifies the state regulation that establishes prohibitions on certain hydrofluorocarbons (HFCs). This action imposes new limits on HFCs used in non-residential stationary refrigeration equipment and new air-conditioning equipment used for residential and non-residential purposes. This rule was effective January 1, 2022.

This change impacts **Air Quality Management in YSAQMD (Introduction and Rulebook D, State-wide Rules)**.

- **Air Quality – Hazardous Air Pollutants:** The U.S. Environmental Protection Agency (EPA) issued a final rule (87 FR 393) on January 5, 2022, that amended the initial list of hazardous air pollutants (HAP) under Clean Air Act (CAA) to include 1-bromopropane (1-BP; CASRN 106-94-5). This substance was added in response to public petitions previously granted by the EPA. This final rule was effective on February 4, 2022.



These changes impact the **Air Quality Management in YSAQMD, Introduction** (Reference Table 1).

highlights of this release

- **Air Quality Management in YSAQMD** has been updated as follows:
 - **Introduction** (General Applicability Table), was revised to reflect changes to state-wide rules on HFC prohibitions and emissions of GHGs from gas-insulated equipment.
 - **Introduction** (Regulatory Summary and Acronyms) was updated due to regulatory changes to state-wide rules on HFC prohibitions and emissions of GHGs from gas-insulated equipment.
 - **Introduction** (Reference Table 1) was amended to include 1-bromopropane.
 - **Rulebook D, State-wide Rules**, was revised to incorporate regulatory changes to rules on HFC prohibitions and emissions of GHGs from gas-insulated equipment.

did you know?

- **Yolo Solano's "Spare the Air" Season:** The Yolo-Solano Air Quality Management District's "Spare the Air" season started on May 1st. This program is a Sacramento Regionwide driving reduction campaign with the goal of improving air quality. Starting May 1st and running through October 31st, the "Spare the Air" campaign provides the public with air quality-related health information, and issues alerts when the air quality index (for ozone) is forecast to be 126 or above. Persons can sign up for notifications at Yolo-Solano Air Quality Management District's (YSAQMD) EnviroFlash subscription page for Yolo County and the northeast portion of Solano County (Vacaville, Dixon and Rio Vista) at <http://ysaqmd.enviroflash.info/>. All subscribers will receive Spare the Air Day advisories, which are issued for ground-level ozone when the regional AQI is expected to reach 150 (Unhealthy for Sensitive Groups).