

**COMPLIANCE ASSISTANCE BULLETIN**

**March 2014**

***Rule 4307 – Boilers, Steam Generators, and Process Heaters – 2.0 to 5.0 MMBtu/hr  
Regarding upcoming requirements for units subject to Rule 4307.***

San Joaquin Valley Air Pollution Control District (District) Rule 4307 limits the emissions of nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), oxides of sulfur (SO<sub>x</sub>), and particulate matter (PM<sub>10</sub>) from boilers, steam generators, and process heaters.

The May 19, 2011 amendments to Rule 4307 may affect units not previously subject to emission limits in Rule 4307, which includes

- **Atmospheric units located in an Oilfield or Refinery**
- **Glycol Reboilers**
- **Units currently limited by Permit to Operate (PTO) or Permit Exempt Equipment Registration (PEER) to less than 5.0 billion BTU per calendar year**

Full compliance with Rule 4307 is required by **July 1, 2015** and includes the submittal of an application by the appropriate date listed below and a demonstration that the unit meets a NO<sub>x</sub> limit of 30 ppm and CO limit of 400 ppm if natural gas fired or 40 ppm NO<sub>x</sub> and 400 ppm CO if liquid-fuel fired. Demonstration that the unit meets NO<sub>x</sub> and CO emission limits requires either source testing or certification of the unit as outlined in Rule 4307. In lieu of meeting the NO<sub>x</sub> and CO emission limits a facility may choose to limit the unit's annual fuel usage to 1.8 billion Btu per calendar year. This limit must be added as a condition to the PTO or PEER, and must be verified by a non-resettable, totalizing fuel flow meter.

A facility must either **apply for an Authority to Construct before January 1, 2015 or for a PEER or PEER modification before April 1, 2015**, for the affected unit(s). Please call our Small Business Assistance (SBA) help line for further guidance in determining which application date(s) would apply to your operation.

Also effective July 1, 2015, in order to limit PM<sub>10</sub> emissions, all units subject to Rule 4307 will be required to either fire on PUC quality natural gas, commercial propane, butane, liquefied petroleum gas, or fuel that has been limited to a compliant sulfur content, or have installed an SO<sub>2</sub> emission control device that has been approved in writing by the District.

Please note that new or replacement units installed on or after January 1, 2016 will be required to meet lower NO<sub>x</sub> emission levels than those listed above.

Rule 4307 may affect your operation in ways not mentioned in this Bulletin. You may find additional exemptions, requirements, and information by reading the full text of the rule at: <http://www.valleyair.org/rules/curnrules/Rule4307cleanrule.pdf> or by calling the District's SBA staff at the numbers listed below:

**Modesto: 209-557-6446**

**Fresno: 559-230-5888**

**Bakersfield: 661-392-5665**

**Northern Region**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
Tel: (209) 557-6400 FAX: (209) 557-6475

**Central Region (Main Office)**  
1990 E. Gettysburg Avenue  
Fresno, CA 93726-0244  
Tel: (559) 230-6000 FAX: (559) 230-6061

**Southern Region**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
Tel: 661-392-5500 FAX: 661-392-5585