



Compliance Assistance
ADVISORY

SUBJECT: NOx Emission Limits for Water Heaters

Advisory #11-01

April 2011

NEW NOx LIMITS FOR WATER HEATERS SOLD OR INSTALLED IN SACRAMENTO COUNTY

On March 25, 2010, the Sacramento Metropolitan Air Quality Management District (SMAQMD) Board of Directors approved amendments to Rule 414, *Water Heaters, Boilers and Process Heaters Rated Less Than 1,000,000 BTU Per Hour*. These amendments establish lower NOx emission limits for water heaters sold and/or installed in Sacramento County.

Effective January 1, 2011, a person shall only distribute, offer for sale, sell, or install a water heater, boiler or process heater with certified NOx and CO emissions less than or equal to the following limits:

Heat Input Range and Type	NOx Limit (ppmv @ 3% O2)	CO Limit (ppmv @ 3% O2)
<u><75,00 BTU/ Hr</u> Mobil Home	55	No Limit
All Others	15	No Limit
<u>75,000 - <400,000 BTU/Hr</u> Pool/Spa	55	No limit
All Others	55	No limit
<u>400,000 - <1,000,000 BTU/ Hr</u> All Types	20	400

Any water heater, boiler or process heater manufactured prior to the January 1, 2011 effective date and subject to the above limits may be distributed, offered for sale, or sold for up to **6 months** after the specified effective date to allow for depletion of existing inventories. In addition, any water heater, boiler or process heater manufactured before the effective date may be installed at any time after the specified effective date so long as it complied with the standards in effect at the time the unit was sold to the owner/operator of the water heater, boiler or process heater.

Anyone who sells, offers for sale, supplies, or installs equipment not meeting the requirements of Rule 414 is subject to a Notice of Violation and penalties as specified in California Health and Safety Code Section 42402. If you have any questions concerning this notice please contact Brian Krebs of the SMAQMD at (916) 874-4856.