

SDAPCD Rule 69.2.1 for SMALL BOILERS, PROCESS HEATERS, & STEAM GENERATORS - Adopted March 25, 2009, Effective March 25, 2010

APPLICABILITY

This rule shall apply to any person who manufactures, sells, offers for sale or distributes for use within San Diego County, or installs within San Diego County a new unit (boiler, process heater, or steam generator) with a heat input rating from **600,000 BTU per hour to 2 million BTU per hour**. See official rule for exceptions.


STANDARDS

Effective March 25, 2010, no person shall manufacture, distribute, sell, offer for sale, or install within San Diego County any new unit that has:

- (1) Emissions of oxides of nitrogen, calculated as nitrogen dioxide at 3% oxygen on a dry basis, that exceed the following levels:
 - (i) **30 parts per million** by volume when operated on a gaseous fuel as a primary fuel.
 - (ii) 40 parts per million by volume when operated on a liquid fuel as a primary fuel.
- (2) Emissions of carbon monoxide, calculated at 3% oxygen on a dry basis, that exceed 400 parts per million by volume.

See official rule for exceptions.

ELMCO/DUDDY offers the following water heaters & boilers manufactured by Lochinvar Corp. that comply with the new ruling:

	Low NOx Rating*	BTU Range	Sample Model Number	Thermal Efficiency
Sync™ Condensing Boiler New!!!	Less than 30 ppm	1,000,000 - 1,500,000	SBN1500	Up to 98%
Intelli-Fin™ Water Heater & Boiler	Less than 30 ppm	1,500,000 - 2,000,000	IWN1500PM IBN2000M7	97%
Power-Fin E® Water Heater & Boiler	Less than 30 ppm	500,000 - 2,000,000	PFN0502PMF7 PBN1701M7	Up to 87%
Copper-Fin II® Water Heater & Boiler	Less than 30 ppm	400,000 - 2,070,000	CFN1801PMM7 CHN1801M7	85%
Copper-Fin® Water Heater & Boiler	Less than 30 ppm	495,000 - 2,065,000	CWN0986PMF7 CBN0986F7	82%
Knight™ & Knight XL™ Condensing Boiler	Less than 30 ppm	80,000 - 800,000	KBN105M7 KBN800M7	96% AFUE Up to 94.6%
Armor Water Heater™ Condensing Water Heater	Less than 30 ppm	150,000 - 500,000	AWN150PMM7	Up to 98%
Efficiency+® Water Heater, Water Heater/Storage Package, & Boiler	Less than 30 ppm	150,000 - 300,000	EWN300PMF7 EPN300-100F7 EBN300M7	85%
Shield™ Water Heater –Tank Type New!!!	Less than 30 ppm	150,000 - 500,000	SNR200-100 SNA400-125	96%
TurboCharger™ Water Heater –Tank Type	Less than 30 ppm	125,000 - 400,000	TNR200-060 TNA301-100	Up to 98%

* as tested by the ETL Testing Laboratories, Inc., Cortland, NY

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