

**California Rule 4306
Emissions Limit Table**

Category		Operated on Gaseous Fuel			Operated on Liquid Fuel	
		NOx Limit		CO Limit	NOx Limit	CO Limit
		Standard Option	Enhanced Option			
A.	Units with a rated heat input ≤ 20.0 MMBtu/hr, except for below Categories.	15 ppmv or 0.018 lb/MMBtu	9 ppmv or 0.011 LB/MMBtu	400 ppmv	40 ppmv or 0.052 LB/MMBtu	400 ppmv
B.	Units with a rated heat input > 20.0 MMBtu/hr, except for below Categories.	9 ppmv or 0.011 LB/MMBtu	6 ppmv or 0.007 LB/MMBtu	400 ppmv	40 ppmv or 0.052 LB/MMBtu	400 ppmv
C.	Oil Field Steam Generators.	15 ppmv or 0.018 LB/MMBtu	No Option	400 ppmv	40 ppmv or 0.052 LB/MMBtu	400 ppmv
D.	Refinery units with a rated heat input > 5 MMBtu/hr ≤ 65 MMBtu/hr.	30 ppmv or 0.036 LB/MMBtu	No Option	400 ppmv	40 ppmv or 0.052 LB/MMBtu	400 ppmv
E.	Refinery units with a rated heat input > 65 MMBtu/hr ≤ 110 MMBtu/hr.	25 ppmv or 0.031 LB/MMBtu	No Option	400 ppmv	40 ppmv or 0.052 LB/MMBtu	400 ppmv
F.	Refinery units with a rated heat input > 110 MMBtu/hr.	5 ppmv or 0.0062 LB/MMBtu	No Option	400 ppmv	40 ppmv or 0.052 LB/MMBtu	400 ppmv
G.	Load-following units.	15 ppmv or 0.018 LB/MMBtu	9 ppmv or 0.011 LB/MMBtu	400 ppmv	40 ppmv or 0.052 LB/MMBtu	400 ppmv
H.	Units limited by a Permit to Operate to an annual heat input of 9 – 30 billion Btu/yr.	30 ppmv or 0.036 LB/MMBtu	No Option	400 ppmv	40 ppmv or 0.052 LB/MMBtu	400 ppmv
I.	Units in which the rated heat input of each burner is ≤ 5 MMBtu/hr, but the total rated heat input of all the burners in a unit is > 5 MMBtu/hr, as specified in the Permit to Operate, and in which the products of combustion do not come in contact with the products of combustion of any other burner.	30 ppmv or 0.036 LB/MMBtu	No Option	400 ppmv	40 ppmv or 0.052 LB/MMBtu	400 ppmv

Exemptions:

The above limits do not apply to a unit when burning any non-PUC quality natural gas during periods of gas curtailment provided:

1. The non-PUC quality natural gas fuels are burned no more than 168 cumulative hours in a calendar year, plus 48 hours per calendar year for equipment testing, as limited by the Permit to Operate.
2. NO_x emissions shall not exceed 150 ppmv or 0.215 LB/MMBtu. Compliance to be demonstrated by either:
 - a. Source testing
 - b. CEMS
 - c. APCO approved AMS
 - d. APCO approved portable NO_x analyzer

Exempt Equipment:

- Solid fuel fired units
- Dryers and glass melting furnaces
- Kilns and smelters where the products of combustion come into direct contact with the material to be heated.
- Unfired or fired heat recovery boilers that are used to recover or augment heat from the exhaust of combustion turbines or internal combustion engines.