

Facility Name: County of Riverside
Facility ID: 162456
Equipment Description: Diesel ICE Driving Emergency Electrical Generator
Application Number: 6229-3 - AN 507267 - PN G7612

Equipment Location:	39241 Ortega Hwy Lake Elsinore CA 92530
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Engine Manufacturer:	Generac
Model Number:	6.8GLPN-50 (GAS/LPG)
Serial Number:	
Number of Cylinders:	10
BHP Rating:	85.92
RPM:	1800
Engine Function:	Emergency Electrical Generator
Fuel:	Natural Gas/LPG
Cycle Type:	Four Cycle
Combustion Type:	Spark Ignition
Aspiration Type:	Naturally Aspirated

Operational Parameters and Constants

Maximum Rated Load (lb/hr)	34.14
Maximum Rated Load (lb/hr)	33.10
Conversion Factor (g/lb)	453.59

Operating Schedule

Maximum Daily Hours of Operation (hr/day)	24.0
Pounds to Tons Conversion Factor	2000

Criteria Pollutant Emission Factors

Criteria Pollutant	Uncontrolled EF (g/bhp-hr)	Controlled EF (g/bhp-hr)
CO	0.50	0.50
NO _x	0.05	0.05
PM	0	0
ROG	0.01	0.01
SO _x	0	0

Criteria Emission Calculations

Emission Rates	CO	NO _x	PM	PM10 ^a	ROG	SO _x
Controlled Hourly (lb/hour)	0.09	0.01	0.00	0.00	0.00	0.0000
Maximum Daily Emissions Rate (lb/day)	2.27	0.23	0.00	0.00	0.05	0.0000

^aPM10=0.96*PM