

Supplemental Application Form / Emission Control Plan
Boilers, Steam Generators, and Process Heaters
> 5.0 MMBtu/hr, Gaseous and Liquid Fueled
Compliance with Rule 4306/4320 (12/17/20 amendments)

*Note: This form is for existing units subject to the Tier 2 emission limits of Rules 4306 and Rule 4320.
 In addition to this supplemental form, a complete Authority to Construct Application is required by May 1, 2022.
 Please complete one form for each non-identical unit; note if form covers multiple identical units.*

FACILITY NAME:			
FACILITY ID NUMBER:			
IDENTIFY THE PERMIT NUMBER(S):			
UNIT DETAILS	MANUFACTURER: MODEL:		
	SERIAL NUMBER:		
	BURNER 1 BURNER 2 (IF APPLICABLE)		
	MANUFACTURER:		
	MODEL:		
	SERIAL NUMBER:		
	MAX HEAT INPUT RATING (FROM DATAPLATE): MMBTU/HR MAX HEAT INPUT RATING (FROM DATAPLATE): MMBTU/HR		
TIER 2 CATEGORY	IDENTIFY APPLICABLE TIER 2 CATEGORY: (see Table 2 in Rules 4306 and Rule 4320 for category definitions and limits) District Rule 4306: http://www.valleyair.org/rules/currnrules/r4306.pdf District Rule 4320: http://www.valleyair.org/rules/currnrules/r4320.pdf		
EMISSION CONTROL MODIFICATIONS	<p><u>PROPOSED EMISSION CONTROL MODIFICATIONS</u></p> <input type="checkbox"/> NONE. CURRENTLY IN COMPLIANCE <input type="checkbox"/> TUNE EXISTING BURNER SYSTEM <input type="checkbox"/> BURNER SYSTEM MODIFICATION/REPLACEMENT <input type="checkbox"/> SELECTIVE CATALYTIC REDUCTION		
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><u>4306 COMPLIANCE</u></p> <input type="checkbox"/> CURRENTLY IN COMPLIANCE <input type="checkbox"/> MODIFY CONTROLS (DESCRIBED ABOVE) <input type="checkbox"/> OTHER (EXPLAIN):</td> <td style="width: 50%; vertical-align: top;"> <p><u>4320 COMPLIANCE</u></p> <input type="checkbox"/> CURRENTLY IN COMPLIANCE <input type="checkbox"/> MODIFY CONTROLS (DESCRIBED ABOVE) <input type="checkbox"/> ELECT TO PAY ANNUAL EMISSIONS FEE PER §5.1.2</td> </tr> </table>	<p><u>4306 COMPLIANCE</u></p> <input type="checkbox"/> CURRENTLY IN COMPLIANCE <input type="checkbox"/> MODIFY CONTROLS (DESCRIBED ABOVE) <input type="checkbox"/> OTHER (EXPLAIN):	<p><u>4320 COMPLIANCE</u></p> <input type="checkbox"/> CURRENTLY IN COMPLIANCE <input type="checkbox"/> MODIFY CONTROLS (DESCRIBED ABOVE) <input type="checkbox"/> ELECT TO PAY ANNUAL EMISSIONS FEE PER §5.1.2
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PRIMARY FUEL	Fuel Type: <input type="checkbox"/> Natural Gas <input type="checkbox"/> LPG/Propane <input type="checkbox"/> Diesel <input type="checkbox"/> Other: _____							
	Higher Heating Value: _____ Btu/gal or _____ Btu/scf				Sulfur Content: _____ % by weight or _____ gr/scf			
	Annual Fuel Use (specify units): _____							
	EMISSIONS DATA							
	Operational Mode		Steady State (ppmv) (lb/MMBtu)		Start-up (ppmv) (lb/hr)		Shutdown (ppmv) (lb/hr)	
	Nitrogen Oxides							
	Carbon Monoxide							
	Volatile Organic Compounds							
	Duration (please provide justification)				_____ hr/day	_____ hr/yr	_____ hr/day	_____ hr/yr
	% O ₂ , dry basis, if corrected to other than 3%: _____ %							
SOURCE OF DATA								
<input type="checkbox"/> Manufacturer's Specifications <input type="checkbox"/> Emission Source Test <input type="checkbox"/> Other _____ (please provide copies)								
SECONDARY FUEL	Fuel Type: <input type="checkbox"/> Natural Gas <input type="checkbox"/> LPG/Propane <input type="checkbox"/> Diesel <input type="checkbox"/> Other: _____							
	Higher Heating Value: _____ Btu/gal or _____ Btu/scf				Sulfur Content: _____ % by weight or _____ gr/scf			
	Annual Fuel Use (specify units): _____							
	How will the secondary fuel be used? <input type="checkbox"/> Secondary full-time fuel <input type="checkbox"/> Backup for primary fuel <input type="checkbox"/> Other: _____							
	EMISSIONS DATA							
	Operational Mode		Steady State (ppmv) (lb/MMBtu)		Start-up (ppmv) (lb/hr)		Shutdown (ppmv) (lb/hr)	
	Nitrogen Oxides							
	Carbon Monoxide							
	Volatile Organic Compounds							
	Duration (please provide justification)				_____ hr/day	_____ hr/yr	_____ hr/day	_____ hr/yr
% O ₂ , dry basis, if corrected to other than 3%: _____ %								
SOURCE OF DATA								
<input type="checkbox"/> Manufacturer's Specifications <input type="checkbox"/> Emission Source Test <input type="checkbox"/> Other _____ (please provide copies)								
MAJOR SOURCES ONLY IF REPLACING / MODIFYING A UNIT	REPLACED/MODIFIED UNIT: Provide the projected actual emissions for each unit in lb/year (based on expected utilization over next 5 years): NO _x : , PM10: , VOC: , SO _x : Attach detailed basis/justification used to determine projected actual emissions							
	NEW/MODIFIED UNIT: Provide the portion of projected actual emissions that each unit, unmodified, "could have accommodated" during same period as baseline actual emissions NO _x : , PM10: , VOC: , SO _x : Attach detailed basis/justification used to verify the portion of projected actual emissions that each unit "could have accommodated"							
	EXISTING UNIT: Baseline actual emissions in lb/year (average annual rate of emissions during any 24 month period in previous 10 years) NO _x : , PM10: , VOC: , SO _x : Attach records of historical usage and emissions used in determination							

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Bakersfield, CA 93308-9725
(661) 392-5500 * FAX (661) 392-5585