



South Coast Air Quality Management District

**Form 400-E-2c
Gaseous Emission Control Form
Flare**

This form must be accompanied by a completed Application for a Permit to Construct/Operate - Forms 400-A, Form 400-CEQA, and Form 400-PS.

Mail To:
SCAQMD
P.O. Box 4944
Diamond Bar, CA 91765-0944
Tel: (909) 396-3385
www.aqmd.gov

Section A - Operator Information

Facility Name (Business Name of Operator That Appears On Permit): _____ **Valid AQMD Facility ID** (Available On Permit Or Invoice Issued By AQMD): _____

Address where the equipment will be operated (for equipment which will be moved to various location in AQMD's jurisdiction, please list the initial location site): _____

Fixed Location Various Locations

Section B - Equipment Description

Equipment	Manufacturer: _____	Model No.: _____
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Type	<input type="checkbox"/> Elevated <input type="checkbox"/> Ground Level <input type="checkbox"/> Pit	How is Flare Assisted? <input type="checkbox"/> Air Assisted <input type="checkbox"/> Steam Assisted <input type="checkbox"/> Non-Assisted
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Operation (See Rule 1118 for definition)	<input type="checkbox"/> Clean Service Flare <input type="checkbox"/> Emergency Service Flare <input type="checkbox"/> General Service Flare
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Dimension	Flare Height: _____ ft. Flare Tip Inside Diameter: _____ ft.
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Design Criteria for Waste Gas Stream	Retention Time at Normal Operating Temperature: _____ secs at _____ °F			Maximum	Minimum
	Combustion Chamber Volume: _____ cubic feet		Velocity At Tip: (feet per second)		
	Design Waste Stream Flow: _____ scfm		Flow Rate: (scfm)		
	Btu: _____				

For Steam Injection		Maximum	Minimum
	Steam Pressure (psig):		
	Design Basis for Steam Injected: _____ lb steam/lb Hydrocarbons		
	Total Steam Flow Rate: _____ pounds/hour Number of Jets: _____	Temperature: _____ °F Diameter of Jets: _____ inches Velocity: _____ feet per second	

For Water Injection	Number of Water Jets: _____ Diameter of Water Jets: _____ inches		Maximum	Minimum
	Water Pressure (psig):			
	Total Water Flow Rate (gpm):			

Auxiliary Fuel Data (e.g. gas injection, duct burner)	Auxiliary fuel available? No Yes If Yes, indicate type: _____			
	Number of Pilots: _____		Fuel Rate per pilot (at 70 °F & 14.7 psia): _____ SCFM	
	Fuel Usage: Cubic Feet Per Hour (ft³/hr) Gallons/Hour (gal/hr)			
	Maximum	Minimum	Average	

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Section C - Waste Gas Stream Characteristics

Brief Description of Process	Describe equipment vented to this Flare. Also describe the type of ignition system and its method of operation. Provide an explanation of the control system for steam flow and rate and other operating variables. Please supply an assembly drawing, dimensioned to scale, to show clearly the operation of the flare system. Show interior dimensions and features of the equipment necessary to calculate its performance.				
Waste Gas Stream	Material	Flow Rate (at 70 °F & 14.7 psia) (scfm)			
		Maximum	Minimum	Average	BTU Rating
Instrumentation	Describe instrumentation for measuring temperature, pressure drop and other operating parameter (attach description, if necessary):				
Operating Schedule	Normal: _____ hours/day _____ days/week _____ weeks/yr Maximum: _____ hours/day _____ days/week _____ weeks/yr				

Section D - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application is true and correct.

Preparer Info	Signature: _____	Date: _____	Name: _____
	Title: _____	Company Name: _____	Phone #: _____ Fax #: _____
Contact Info	Name: _____	Phone #: _____	Fax #: _____
	Title: _____	Company Name: _____	Email: _____

THIS IS A PUBLIC DOCUMENT

Pursuant to the California Public Records Act, your permit application and any supplemental documentation are public records and may be disclosed to a third party. If you wish to claim certain limited information as exempt from disclosure because it qualifies as a trade secret, as defined in the District's Guidelines for Implementing the California Public Records Act, you must make such claim at the time of submittal to the District.

Check here if you claim that this form or its attachments contain confidential trade secret information.