

95 GH9FB KERN AIR POLLUTION CONTROL DISTRICT – TITLE V

COMPLIANCE ASSURANCE MONITORING (CAM)

Form 201.1-L

Purpose:

This Application Form is to assist the facility operator in supplying necessary monitoring information for meeting requirements of Title 40, Code of Federal Regulations, Part 64 (40 CFR Part 64) and Rule 201.1. A responsible official of a stationary source subject to Kern Air Pollution Control District (District) Rule 201.1 and subject to CAM shall use this form as part of an initial permit, a permit renewal, or significant permit modification to Title V permit or Compliance Assurance Monitoring.

Information Required:

- 1 Describe the indicators to be monitored [Section 64.4(a)(1)];
- 2 Describe the ranges or the processes to set indicator ranges [Section 64.4(a)(2)];
- 3 Describe the performance criteria for monitoring [Section 64.4(a)(3)] including;
 - a. specification for obtaining representative data;
 - b. verification procedures to confirm the monitoring operational status;
 - c. quality assurance and control procedures;
 - d. monitoring frequency
 - i. 4 times per hour (minimum) if post control emissions are \geq MST¹; or
 - ii. 1 time per day (minimum) if post control emissions are $<$ MST.
- 4 Describe indicator ranges and performance criteria for a CEMS², COMS³, or PEMS⁴ [Section 64.3(a)(4)];
- 5 Describe justification for use of parameters, ranges and monitoring approach [Section 64.4(b)];
- 6 Provide emissions test data [Section 64.4(c)]; and, if necessary
- 7 Provide an implementation plan for installing, testing, and operating the monitoring [Section 64.4(d)];

¹ Major Source Trigger (see District Rule 201.1 for requirements)

² Continuous Emission Monitoring System

³ Continuous Opacity Monitoring System

⁴ Predictive Emission Monitoring System

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If your Title V facility has control devices in use, the CAM rule may apply. Follow instructions below to determine if your facility is subject to CAM requirements.

1. COMPANY/FACILITY NAME: _____
2. TITLE V FACILITY NUMBER: _____
3. **CAM Requirements** (see instructions following page)
 Emission unit(s) identified below are subject to the CAM rule and a CAM plan is attached for each affected emissions unit. || There are no emission units with control devices at this Title V facility that are subject to the CAM rule.

Emissions Unit Permit or Equipment No	Equipment Description ⁴	Uncontrolled Emissions		Connected to Control Unit Permit or Equipment No.	Control Equipment Description ⁴	Controlled Emissions	
		Pollutant	PTE ⁵ (tons/year)			Pollutant	PTE ⁵ (tons/year)

¹ For more detailed information regarding CAM applicability, refer to 40 CFR Part 64, Section 64.1.
² Only one CAM plan is required for a control device that is common to more than one emissions unit, or if an emissions unit is controlled by more than one control device similar in design and operation. If control devices are not similar in design and operation, on plan is required for each control device.
³ List all new and existing emission units and connected devices by District permit number or equipment number. When an emissions unit is new and does not have a District permit number, leave this column blank.
⁴ Provide brief description (equipment type, make, model and serial number) of the emissions units and control devices as appropriate.
⁵ Potential to Emit

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Instructions to Determine CAM Rule Applicability:

With the exception of municipally-owned back-up utility power generating units (described in 40 CFR Part 64, Section 64.2(b) (2)¹, the CAM rule is applicable to each emissions unit (existing and new construction) at a title V facility that meets ALL the following criteria²:

1. The emission unit is subject to an emission limitation or standard³ (often found in permit conditions);
2. The emission unit uses a control device to achieve compliance with the emission limitation or standard; and
3. The emission unit has a pre-control potential to emit (PTE)⁴, that is equivalent or exceeds any Title V major source thresholds as shown on the following table:

	CAM PTE ⁴ Emission Threshold For Individual Emission Unit at Title V Facility
Pollutant	(tons per year)
PM ₁₀	100
SO _x	100
NO _x	100
VOC	100
CO	100
1 HAP ⁵	10
2+ HAPs	25

¹ The facility must attach the documentation required by 40 CFR Part 64, Section 64.2(b) (2) to demonstrate the backup utility power unit only operates during periods of peak demand or emergency situations; and has actual emission, averaged over the last three calendar years of operation less than 50% of the major source emission thresholds.

² Additional information about the CAM Rule can be found on U.S. EPA website at <http://www.epa.gov/ttnemc01/cam.html> .

³ Only emission limitation and standards from an “applicable requirement” fro emission units with control devices are subject to the CAM rule. Applicable requirements are federally-enforceable requirements are rules adopted by the District or the State and are approved by EPA as part of the State Implementation Plan (SIP) {aka “SIP approved Rules”}

For emission units with control devices that are subject to the following federal enforceable requirements, the CAM rule does NOT apply: 1) NSPS (40 CFR Part 60); 2) NESHAP (40 CFR Parts 61 and 63); 3) Title VI of the Federal Clean Air Act (CAA) for Stratospheric Ozone Protection ; 4) Any emission cap that is federally enforceable, quantifiable, and meets the requirements in 40 CFR Part 70, Section 70.4 (b)(12); and 5) Emission limitations or standards a continuous compliance determination method is required.

⁴ See District Rule 210.1.IV.E

⁵ Hazardous Air Pollutants