Bay Area Air District

REGULATION 8-5-328

BAAQMD Source #	
Facility Tank #	

TANK DEGASSING NOTIFICATION FORM

Company:	**BAAQMD** Plant#	
Address:	City:	**Zip:**
Contact Name and Title:	DeQas Start Date:	
Contractor Name:	Degas Start Time Estimated	
Contractor Representative Name:	Contractor Phone #:	

Instrument Information (8-5-605)	**Tank Information (8-5-328.3)**
Type of Instrument:	Tank Size (in Gallons}:
Instrument ID#:	Tank Type (IFR/EFR/Fixed Roof):
Date of most recent quarterly calibration:	Product in Tank:
Type of Calibration Gas:	Residual Product Height at Degas(ft/in):
Two Point Calibration Concentrations:	Reason for Tank Degas:

Abatement Information (8-5-502.2)

Abatement Type:	Abatement Size:	Last Source Test Date:

COMMENTS (optional)

By signing below, I certify the information provided is both accurate and true.

Signature of Tank Operator:	**Date:**

INSTRUCTIONS:

- ***Tank operator shall provide written notification to the APCO received at least 3 days before the start of a degassing operation that is subject to this rule. However, where degassing must be performed on an emergency basis, telephone notification shall be made to the APCO within 8 hours of commencing degassing. (8-5-328.3)***
- ***Unless noted "optional", all fields above must be filled in and the notification must be signed by the tank operator before submitting to APCO.***
- ***Combustible gas indicator calibration and abatement device source test records must be present on-site for verification by the APCO.***
- ***For compliance assistance, call (415) 749-4999, the Compliance Counselor Hotline.***

Bay Area Air District
Frequently Asked Questions
U.S. EPA Reference Method 21

Note: This document contains interpretations of the regulations applicable to EPA Method 21 by BAAQMD staff and is subject to change at any time.

The Bay Area Air District (District) Regulations requires combustible gas indicators (CGI) used for the measurement of organic compound concentrations to be "calibrated in accordance with EPA Reference Method 21." Failure to do so may result in a violation of the applicable District, State or Federal Regulation.

What District, State or Federal Regulation is the instrument being used for?

When using a CGI to measure organic compound concentrations, operators must familiarize themselves with all applicable regulatory requirements. The regulation will reference the specification requirements and procedures by which the CGI shall be used to determine compliance.

Does the Regulation site EPA Reference Method 21?

The regulation will have a "procedures" section (generally the 600 section of the District Reg·u1ation) that references the specifications, performance requirements and calibration requirements which the handheld instrument should meet. Commonly, the regulation will require a CGI to be used in accordance with EPA Reference Method 21 (Method 21). The operator must then refer to and ensure the instrument meets the requirements of Method 21.

What type of instrument can be used?

In general, most regulations will require the instrument to be a combustible gas indicator which meets the requirements of Method 21. However, some regulations, will specifically list the type of instrument. For example, Regulation 8 Rule 53 Section 601 states, "the portable analyzer shall use flame ionization detection and shall meet the specifications and performance criteria of, and shall be calibrated in accordance with, EPA Reference Method 21 (40 CFR 60, Appendix A)."

What is the Calibration Concentration and Reference Compound?

Method 21 requires the calibration gas to be "a known standard in air at a concentration approximately equal to the applicable leak definition specified in the regulation" (Section 7.1.2). When calibrating a CGI per Method 21, the operator must refer to the applicable regulation and ensure the CGI is calibrated to leak standard cited in the regulation.

Has the instrument been calibrated to the specifications listed in EPA Reference Method 21?

If the applicable regulation requires the instrument to be calibrated according Method 21, the operator must perform an instrument calibration precision check per Method 21 Section 8.1.2 and calibrations per Method 21 Section 10.0.

More Information can be obtained from the following sources:

For questions regarding this advisory, contact Ed Giacometti, Air Quality Specialist, at (415) 749-8414 or egiacometti@baaqmd.gov

For compliance assistance, call (415) 749-4999, the Compliance Counselor Hotline

For a copy of the above listed reference method see EPA Reference Method 21

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