



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

WORKSHOP NOTICE

January 4, 2021

TO: INTERESTED PARTIES
FROM: EXECUTIVE OFFICER / APCO
SUBJECT: **Public Workshop – Draft Amendments to Regulation 6, Particulate Matter, Rule 5: Particulate Emissions from Refinery Fluidized Catalytic Cracking Units**

NOTICE: The Air District is taking steps to ensure Bay Area air quality and public health are protected while the shelter in place order in San Francisco and other Bay Area counties is in place. This includes closing our 375 Beale Street office in San Francisco until further notice. For more information, please visit our website: <https://www.baaqmd.gov/news-and-events/page-resources/2020-news/air-district-operations>.

The staff of the Bay Area Air Quality Management District (Air District) is conducting a public workshop to present, discuss, and receive comments on revised draft amendments to Regulation 6, Rule 5: Particulate Emissions from Refinery Fluidized Catalytic Cracking Units (Rule 6-5). Workshop logistics and details are presented below:

Thursday, February 4, 2021

6:00 p.m. – 8:00 p.m.

To join via web browser: <https://us02web.zoom.us/j/85296925189>

To join via phone: +1 669 900 6833

Meeting ID: 852 9692 5189

- For language interpretation, contact Aneesh Rana at arana@baaqmd.gov, or 415-749-4914 at least 72 hours before the workshop.
- Para información en español, llame al 415-749-4609
- 中文聯絡電話 415-749-4609
- Núi Tiếng Việt xin gọi 415-749-4609.

BACKGROUND

The staff of the Bay Area Air Quality Management District is developing draft amendments to Regulation 6: Particulate Matter, Rule 5: Particulate Emissions from Petroleum Refinery Fluidized Catalytic Cracking Units. The purpose of these amendments is to address emissions of particulate matter from petroleum refinery fluidized catalytic cracking units, which are some of the largest individual sources of particulate matter emissions in the San Francisco Bay Area. The Bay Area does not currently attain all state and national ambient air quality standards for particulate matter, and compelling evidence suggests that fine particulate matter is the most significant air pollution health hazard in the Bay Area. Further reductions of particulate matter emissions are needed to ensure

progress towards attainment of the standards and to achieve further clean air and regional and local public health benefits.

Air District Rule 6-5 was originally adopted in 2015 as the first regulatory step in addressing condensable particulate matter from petroleum refinery fluidized catalytic cracking units. The Air District's 2017 Clean Air Plan included a control measure (SS1) to evaluate ongoing progress in reducing these emissions, and to further control particulate matter emissions from fluidized catalytic cracking units. In 2018, the Air District adopted the Assembly Bill 617 Expedited Best Available Retrofit Control Technology (BARCT) Implementation Schedule, which identified potential rule development projects to evaluate and implement BARCT at certain industrial sector facilities pursuant to California Assembly Bill 617. The Schedule identified that potentially substantial particulate matter emission reductions could be achieved at these fluidized catalytic cracking units, and further rule amendments should be evaluated and considered. This current rule development effort for amendments to Rule 6-5 follows these previous Air District rulemaking and planning actions to address emissions from these sources.

DRAFT AMENDMENTS

The Air District published the full mark-up text of draft amendments for Rule 6-5 and an Initial Staff Report in May 2020, along with a Request for Comments. The draft amendments include new and modified limits on ammonia and sulfur dioxide, as well as a direct limit on total particulate matter 10 microns or less in diameter, which includes both filterable and condensable particulate matter, called "total particulate matter." The draft new and modified limits reflect levels of stringency that were achieved and demonstrated at multiple facilities and would ensure that total particulate matter emissions are adequately controlled. The draft amendments also included modifications to existing rule language to clarify provisions and improve monitoring requirements.

Following the release of the draft amendments in May 2020, Air District staff further evaluated other potential control options. The Air District will publish workshop materials discussing the previous draft amendments and other potential control options prior to the workshop. Workshop materials will include full mark-up text of draft amendments reflecting these other potential control options, along with a Workshop Report with updated information and analyses from the Initial Staff Report and further information on these different potential control options and associated potential impacts.

INFORMATION AND COMMENTS

Workshop materials will be made available prior to the workshop at: <https://www.baaqmd.gov/reg6rule5>. Interested parties are invited to submit written comments on the draft rule amendments and Workshop Report. Comments on the documents will be accepted during the workshop or may be submitted in writing to the Air District. The deadline to submit comments on these materials is Friday, February 12, 2021 at 5:00 p.m. For questions or to submit comments on the draft regulatory amendments, please contact David Joe, Assistant Manager of the Rule Development Section, at djoe@baaqmd.gov. Following the workshop and the close of the public comment period, staff will assess the need for changes to the draft rule amendments. Staff may consider soliciting further input or may proceed to a public hearing before the Air District's Board of Directors for their consideration of the staff's proposal.