



South Coast Air Quality Management District

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FACT SHEET FOR QUEMETCO CAPACITY UPGRADE PROJECT

CEQA Scoping Meeting #2

Hacienda Heights Community Center
1234 Valencia Avenue,
Hacienda Heights, CA 91745

Thursday, October 11, 2018
6:00 p.m. to 9:00 p.m.
Presentation will begin at 6:30 p.m.

Background:

Quemetco is a battery recycling facility that has been in operation since 1959 and located at 720 S. 7th Ave., City of Industry, CA. Quemetco receives used batteries, recovers the lead containing materials, and sells the finished lead products to customers who use lead or lead alloys in their manufacturing processes.

Summary of the Battery Recycling Process, Air Pollution Control Equipment, and Monitoring:

The battery recycling process uses three different types of furnaces and refinery kettles. The process begins with the facility receiving used batteries which are delivered by truck and railcar and storing them in a building. The used batteries are dismantled and the lead-containing portions are first fed into a drying furnace to remove moisture and then they are routed to another furnace to melt the solid lead materials into liquid. The liquid lead is poured into molds to form lead blocks. These lead blocks are later melted with other metals and additives in the refinery kettles and poured into molds to make finished lead products that meet customer specifications. Any remaining scraps are fed to a third furnace to separate out the lead from other metals. The recovered lead is melted in the refinery kettles and poured into molds. These processes are located within building enclosures which are vented to air pollution equipment to minimize the emissions of air pollutants into the atmosphere. The facility is also equipped with continuous emissions monitors (CEMS) and fence line monitors.

Existing Air Pollution Control Equipment:

Battery Recycling Equipment	Air Pollution Control Equipment	Pollutants Controlled
Two furnaces: reverberatory and slag furnaces	Baghouses and Scrubber	PM, NO _x , SO _x , and toxics
Drying furnace	Baghouse and Regenerative Thermal Oxidizer (RTO)	PM, CO, VOC, and toxics
All three furnaces and refinery kettles	Wet Electrostatic Precipitator (WESP) and Bagothouses	PM and toxics
All equipment within building enclosures	Air circulation system draws air into the building to maximize collection by all air pollution control equipment	NO _x , SO _x , VOC, CO, PM and toxics

Existing Monitoring:

Type	Pollutants Monitored	Duration	Required Reporting
Continuous Emissions Monitoring (CEMS)	<ul style="list-style-type: none"> Multi-metals: arsenic and lead NOx and SOx 	24 hours per day	<ul style="list-style-type: none"> Daily to SCAQMD Daily electronic submittal to SCAQMD
Fenceline Monitoring	Arsenic and lead	24 hours per day	<ul style="list-style-type: none"> Monthly to SCAQMD; and Daily exceedances to be reported within 24 hours to SCAQMD and Rule 1420.1 mailing list

Proposed Project:

Quemetco is proposing to modify their South Coast Air Quality Management District (SCAQMD) permits by requesting to:

- increase the amount of battery material that can be processed
- increase the amount of total coke material (an additive) used
- allow petroleum coke, in lieu of or in addition to calcined coke to be used
- increase operational hours of furnaces
- increase the amount of finished lead product made

Existing Setting versus Proposed Project:

Activity	Existing Setting	Proposed Project	Post-Project Increment
Material Processed (tons per day)	600	750	150
Total Coke Material (pounds per month)	600,000	750,000	150,000
Wastewater (gallons per day)	193,019	275,329	82,310
Truck Traffic (trips per month)	1,615	2,030	415
Lead Product Output (tons per day)	460	575	115

Environmental Topics:

CEQA requires 17 environmental topic areas to be analyzed. Topic areas that may have potentially significant impacts will be analyzed in more detail in the future Draft Environmental Impact Report (EIR).

Topic Areas with Potentially Significant Impacts	Topic Areas with No Potentially Significant Impacts
<ul style="list-style-type: none"> Air Quality and Greenhouse Gases Energy Hazards and Hazardous Materials Hydrology and Water Quality Transportation and Traffic 	<ul style="list-style-type: none"> Aesthetics Agricultural Resources Biological Resources Cultural Resources Geology and Soils Land Use and Planning Mineral Resources Noise Population and Housing Public Services Recreation Solid and Hazardous Waste

Please send comments regarding the project to:

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