

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT	PAGE	1 of 3
ENGINEERING AND COMPLIANCE DIVISION	APP. NUMBERS	480194
Large Coating, Printing and	PROCESSED BY	SMP
Aerospace Operations Team	REVIEWED BY	SMKE
APPLICATION PROCESSING AND CALCULATIONS	DATE	11/24/09

**TITLE V PERMIT REVISION
(SECTION D)**

Applicant's Name	E.M.E., INC.
Company I.D.	45938
Mailing Address	P.O. BOX 4998, COMPTON, CA 90224
Equipment Address	431 E. OAKS STREET, COMPTON, CA 90221

EQUIPMENT DESCRIPTION

Application Nos. 380560, 380563, 380564, 380565, 480175, 480192, 480196, and 480191.

Title V deminimis significant permit revision

Project Summary

E.M.E. Inc. (I.D. 45938) has proposed to revise their Title V permit by:

1. Permitting existing two abrasive blasting cabinets, one abrasive blasting room and an air pollution control system consisting of a dust collector and HEPA filters venting the abrasive blasting systems.
2. Modifying the sulfuric acid anodizing line, chromic acid anodizing line, passivation line, and aluminum etch line by changing chemical compositions and concentrations, tank dimensions, and operating temperatures.

As a result, a total of 8 applications were submitted for all changes to be included in this Title V permit revision. These applications are summarized as follows:

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING AND COMPLIANCE DIVISION Large Coating, Printing and Aerospace Operations Team APPLICATION PROCESSING AND CALCULATIONS	PAGE	2 of 3
	APP. NUMBERS	480194
	PROCESSED BY	SMP
	REVIEWED BY	SMKE
	DATE	11/24/09

Appl. No.	Equipment	Proposed Changes	Permit Action
380560	Abrasive Blast Cabinet	Permit Existing equipment without permits	P/O
380563	Abrasive Blast Cabinet		P/O
380564	Abrasive Blast Room		P/O
380565	Air Pollution Control		P/O
480175	Sulfuric Anodizing Line	Permit Modified Process Lines	P/O
480191	Aluminum Etch Line		P/O
480192	Chromic Acid Anodizing Line		P/O
480196	Passivation Line		P/O
480194	Title V Permit Revision		

The detailed description and evaluation for the proposed changes are included in the respective permit application folders (see attached permit evaluations – there are two separate evaluations for the two projects).

REGULATION XXX:

This facility is not in the RECLAIM program. The proposed project is considered as a “de minimis significant permit revision” to the Title V permit for this facility.

Rule 3000(b)(6) defines a “de minimis significant permit revision” as any Title V permit revision where the cumulative emission increases of non-RECLAIM pollutants or hazardous air pollutants (HAPs) from these permit revisions during the term of the permit are not greater than any of the following emission threshold levels:

Air Contaminant	Daily Maximum (lbs/day)
HAP	30
VOC	30
NOx	40
PM10	30
SOx	60
CO	220

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING AND COMPLIANCE DIVISION Large Coating, Printing and Aerospace Operations Team APPLICATION PROCESSING AND CALCULATIONS	PAGE	3 of 3
	APP. NUMBERS	480194
	PROCESSED BY	SMP
	REVIEWED BY	SMKE
	DATE	11/24/09

To determine if a project is considered as a “de minimis significant permit revision” for non-RECLAIM pollutants or HAPs, emission increases for non-RECLAIM pollutants or HAPs resulting from all permit revisions that are made after the issuance of the Title V renewal permit shall be accumulated and compared to the above threshold levels. This proposed project is the 2nd permit revision to the Title V renewal permit issued to this facility in July 28, 2008. The following table summarizes the cumulative emission increases resulting from all permit revisions since the Title V renewal permit was issued:

Revision	HAP	VOC	NOx	PM ₁₀	SOx	CO
1st Permit Revision. Add PC/PO for Titanium Anodizing Line, A/N 500682	0	0	0	0	0	0
2 nd Permit Revision. Add PO for abrasive blasting cabinets, room and APC (A/N 380560/3/4/5). Modification of process lines, A/N 480175, 480191, 480192 and 480196.	0	0	0	0	0	0
Cumulative Total	0	0	0	0	0	0
Maximum Daily	30	30	40	30	60	220

Since the cumulative emission increases resulting from all permit revisions are not greater than any of the emission threshold levels, this proposed project is considered as a “de minimis significant permit revision”.

RECOMMENDATION

The proposed project is expected to comply with all applicable District Rules and Regulations. Since the proposed project is considered as a “de minimis significant permit revision”, it is exempt from the public participation requirements under Rule 3006 (b). A proposed permit incorporating this permit revision will be submitted to EPA for a 45-day review pursuant to Rule 3003(j). If EPA does not have any objections within the review period, a revised Title V permit will be issued to this facility.