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August 27, 2009

Mr. Boyd Holt
 Environmental, Health, and Safety Manager
 AVX Corporation
 P.O. Box 867
 Myrtle Beach, SC 29578

Dear Mr. Holt:

Re: AVX Burnout Oven and Metals Department Emissions Testing, June 25, 2009

The results of the referenced tests have been reviewed by the Department and the emission rates and operating parameters have been summarized below:

Source	Pollutant	Concentration (ppmvd as carbon)	Loading/Emissions Rate (lbs/hr as carbon)	Adjusted Maximum Loading/Emissions Rate (lbs/hr as carbon) ⁴
Burnout Oven (Condition 1) ²	THC ¹	21.6	0.0010	0.0016
Burnout Oven (Condition 2) ³		381.2	0.014	0.0221
Metals Department ⁵		17.2	0.036	N/A

Notes:

1. THC = Total Hydrocarbons
2. Condition 1 data was collected prior to the burnout oven reaching maximum temperature during the burnout cycle.
3. Condition 2 data was collected while the oven was further along in the burnout cycle and peaking at the maximum operating temperature.
4. During testing of the burnout oven, only 19 out of a possible 30 pans were being baked in the oven. As a result, a linear relationship was determined between the number of pans in the oven and the resulting emissions in order to calculate an adjusted maximum loading/emissions rate utilizing the equation below:

$$\frac{\text{Loading/Emissions Rate (as tested)}}{\text{Burnout Oven Load (in \# of pans)}} \times \text{Maximum Oven Capacity (in \# of pans)}$$

5. During testing of the Metals Department, the electrode ink being milled was nickel based and contained the following compounds: 44% terpeneol, 2.3 ethyl cellulose, and 53.7% non-organic solids.

The above results will be used, in part, to calculate facility-wide emission rates for semi-annual emission reports.