

AVX CORPORATION
A KYOCERA GROUP COMPANY

AVX Corporation
P.O. Box 867
Myrtle Beach, S.C. 29578
Tel: (803) 448-9411

②
Fatina

February 15, 2013

Ms. Fatina Washburn Clark
SCDHEC
Bureau of Air Quality
2600 Bull Street
Columbia, SC 29201

CERTIFIED MAIL # 7011 2970 0000 0396 3769

843
RECEIVED
FEB 21 2013
BUREAU OF AIR QUALITY

USEPA, Region 4, APTMD
Operating Source Section
61 Forsyth Street, SW
Atlanta, GA 30303

CERTIFIED MAIL # 7011 2970 0000 0396 3776

Re: MB 1 Unit IDs 02 & 03 Equipment Decommissioning (Plating & Misc. Support) and
Additional Title V Renewal Updates
AVX Corporation -Myrtle Beach (Permit # TV-1340-0002)

Existing Title V Permit Changes

AVX is planning for the decommissioning of additional equipment from the old MB1 manufacturing building at our facility located in Myrtle Beach, South Carolina. This request should include the remaining equipment that will not be utilized in the MB2 facility. The following list provides the details of these changes:

Unit ID	Quantity	Description	Permit Change
02	1	Manual gold plating line	Decommission
02	3	Plating drying ovens	Decommission
02	1	Copper coupon Oven	Decommission
03	3	Plating bath boilers	Decommission

Draft Title V Renewal Application Items

AVX has reviewed the second working draft of the facility's Title V permit. The following are additional requested modifications:

- Form G – A revised Form G is attached to this letter incorporating the changes above. Other minor corrections are noted on the form with "Rev 02/14/13."
- Statement of Basis – Correct the adsorption/desorption differential pressure and temperature operational ranges on page 2 of 14.
- Statement of Basis – AVX is requesting that the Statement of Basis indicate that the SCDHEC will review AVX's operating consistency during the next permit renewal cycle and consider relaxing the required testing frequency for the A/D/TO and wet scrubber.

There are no permit terms or conditions that would no longer be applicable as a result of this change. This change does not exceed the allowable emission rate for VOCs and does not constitute a Title I modification. This change does not violate applicable requirements or contravene federally enforceable permit terms or conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements.

If no response is acknowledged within seven days of receipt, AVX is granted permission to make the above stated changes. Based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. If you have any questions or comments, please contact Ralph Bryant at (843) 946-0326 or by e-mail at Ralph.Bryant@avx.com.

Sincerely,



Ken Brown
Operations Manager

CC: Rayna King, SCDHEC Region 6
Ralph Bryant, AVX Corporation

EC:

Max Justice, Parker Poe
Gary Yoder, Resolute Environmental, LLC

Encl



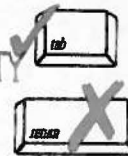
Title V Permit Application
Facility Profile - Form A
Bureau of Air Quality
Page 1 of 1

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Please Refer to Instruction Pages Before Completing This Form
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



FACILITY INFORMATION			
1. Company Name for Permit:	AVX Corporation	2. Existing State Air Permit Number:	1340-002
3. Business Mailing Address:	PO Box 867	4. City:	Myrtle Beach
5. State:	SC	6. Zip Code:	29578-
7. Plant Location (Street or Highway):	801 17 th Ave. S.	8. City:	Myrtle Beach
9. State:	SC	10. Zip Code:	29577-
11. County:	26	12. Primary SIC Code:	3675
13. NAICS Code:	334414	14. EPA (AIRS) Facility Identification No.:	
15. Latitude:	33-40-42N	16. Longitude:	78-54-35W
17. Date Facility Was Built:	1949		

CONTACT INFORMATION			
RESPONSIBLE OFFICIAL AUTHORIZED REPRESENTATIVE:		ENVIRONMENTAL / TECHNICAL CONTACT:	
18. Last:	Brown	19. First:	Ken
20. Title:	Operations Mgr.		
21. Mailing Address Line 1:	PO Box 867		
22. Mailing Address Line 2:			
23. City:	Myrtle Beach	24. State:	SC
25. Zip Code:	29578-0867	26. Phone No.:	(843) 448-9411 ext 2800
27. Fax No.:	(843) 916-7657	28. E-mail Address:	ken.brown@avx.com
29. Last:	Bryant	30. First:	Ralph
31. Title:	EHS Manager		
32. Mailing Address Line 1:	PO Box 867		
33. Mailing Address Line 2:			
34. City:	Myrtle Beach	35. State:	SC
36. Zip Code:	29578-0867	37. Phone No.:	(843) 946-0326 ext
38. Fax No.:	(843) 444-2848	39. E-mail Address:	ralph.bryant@avx.com

PURPOSE OF APPLICATION	
40. Facility Type:	<input type="checkbox"/> Conditional Major <input checked="" type="checkbox"/> Title V <input type="checkbox"/> Co-Located Facility (co-located facility if yes, name and permit # of co-located facility):
41. Permit Action:	<input type="checkbox"/> New <input type="checkbox"/> Renewal Modification: <input type="checkbox"/> Administrative Amendment (Submit Form AA) <input type="checkbox"/> Minor Modification (Submit Form MM) <input type="checkbox"/> Significant Modification (Submit Form SM) <input checked="" type="checkbox"/> Operational Flexibility (Submit Form OF)
42. Attainment Area Designation: Is the source located within a non-attainment area for any of the criteria air pollutants?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", indicate Non-attainment Pollutant(s): <input type="checkbox"/> PM _{2.5} <input type="checkbox"/> O ₃ (Precursor pollutants to Ozone are NO _x and VOC)

SIGNATURES
I certify, to the best of my knowledge and belief, that no applicable standards and/or regulations will be contravened or violated. I certify that any application form, report, or compliance certification submitted in this permit application is true, accurate, and complete based on information and belief formed after reasonable inquiry. I understand that any statements and/or descriptions which are found to be incorrect may result in the immediate revocation of any permit issued for this application.

2/18/13

43. Responsible Official Signature/Authorized Representative Title/Position Operations Mgr Date
Note* For change or addition of responsible official(s) submit Responsible Official (RO) Notification Form (see attachment E)

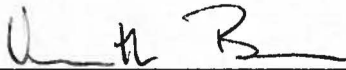
CONSULTING FIRM INFORMATION			
44. Consulting Firm:	Resolute Environmental, LLC		
45. Preparer Name:	Last Yoder	46. First:	Gary
47. Mailing Address Line 1:	114 Oak Fern Lane		
48. Mailing Address Line 2:			
49. City:	Willow Springs	50. State:	NC
51. Zip Code:	27592-	52. Phone No.:	(919) 701-0009 ext
53. Fax No.:	() -	54. E-mail Address:	gyoder@nc rr com

****INCOMPLETE APPLICATIONS WILL BE RETURNED****

**AVX Corporation
Myrtle Beach, South Carolina**

Truth and Accuracy Statement

Based on the information and belief formed after reasonable inquiry, the statements and information contained in this document are true, accurate, and complete.



Ken Brown
Operations Manager

2/18/13

Date

Operational Flexibility Forms



**Title V Permit Application
Operational Flexibility-- Form OF
Part I
Bureau of Air Quality
Page 1 of 2**

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Please Refer to Instruction / Definitions Pages Before Completing This Form

The South Carolina Department of Health and Environmental Control may modify the permit as described on this form through the procedures described in SC Regulation 61-62.70.7(a). If the facility is requesting an operational flexibility (502(b)(10)), complete Part I. If this request is in response to the operational flexibility condition in your existing permit, submit Part II of this Form. You must apply for an operational flexibility modification in writing by submitting this form along with Form A to the Department, Environmental Protection Agency, and the local Environmental Quality Control District Office. If new or modified unit(s) are placed into operation, the form must be submitted at least fifteen days prior to operation to satisfy the requirements of SC Regulation 61-62.1, Section II(B)(1). If a new construction permit was not required, the form must be submitted at least seven days in advance.

OPERATIONAL FLEXIBILITY NOTIFICATION

1. Modification Request Type: <input checked="" type="checkbox"/> 502(b)(10) (Submit Part I of this Operational Flexibility Form) <input type="checkbox"/> Permit Operational Flexibility Condition Request (Submit Part II portion of this Permit Operational Flexibility Form.)			
2. Anticipated Date of Change (MM/DD/YYYY):	02/25/13	3. Notification Date (MM/DD/YYYY):	02/15/13
4. Existing State Construction Air Permit Number:		TV-1340-0002	
5. Existing Actual Emissions:	Actual emissions reduced	6. Change in Actual Emissions:	Reduction
7. Projected Actual Emissions:		Reduced overall	

POLLUTANT INFORMATION

8 Permit ID	9 Equipment ID	10. List Pollutant(s) Affected by the Change	11. Allowable Emission Rate	12. Monitoring/Compliance Requirements	13. Permit Term(s) or Condition(s) Affected by the Change
ID-02	(-1) Manual gold plating line (-3) Plate drying ovens (-1) Copper coupon drying oven	1. PM; 2.VOC	Emissions reduced	Equipment removed	None
ID-03	(-3) Plating bath boilers	1. Criteria pollutants; 2. HAPs	Emissions reduced	Equipment removed	None

DESCRIPTION OF CHANGE

14. Describe why this operational flexibility change does not exceed any allowable emission rate. Describe why this change does not violate any applicable requirements or contravene any federally enforceable permit terms or conditions that are monitoring (including test methods), recordkeeping, reporting or compliance certification requirements. The change is for the relocation of identified Equipment Ids. Record keeping required by the permit will not be affected by the relocation of this equipment.
15. Describe in detail why this change does not constitute a Title I modification and provide calculations (if applicable). N/A

Mail Completed Operational Flexibility Request Form and Supporting Documents to:

Engineering Services Division, Bureau of Air Quality
 South Carolina Department of Health and Environmental Control
 2600 Bull Street
 Columbia, South Carolina 29201

The Environmental Protection Agency
 Air Permits Section/ APTMD
 U.S. EPA Region 4
 61 Forsyth Street, SW
 Atlanta, GA 30303

Local District Environmental
 Quality Control Office

(Handwritten initials)

Revised Form G



**Title V Permit Application
Insignificant Activity Equipment- Form G
Bureau of Air Quality
Page 1 of 3**

Please Refer to Instruction / Definitions Pages Before Completing This Form

1. Insignificant Activity (IA) Unit ID:	2. Insignificant Activity Unit ID Description	3. Construction Permit ID or Approval Date (if applicable):	4. On SC Insignificant Activity List (Yes or No)	5. Pollutant(s)	6. Emission Rate (Uncontrolled)	7. Deminimis Rate
RMMDO	12 drying ovens to remove moisture and detergent/dispersant (Unit 14) [Rev 02/07/13]		No	PM/PM10/PM2.5	Less than 5 tpy	< 5 tpy criteria pollutants
RMMTS	2 tape shredders (Unit 14)		No	PM/PM10/PM2.5	Less than 5 tpy	< 5 tpy criteria pollutants
RMMOV	1 Oven for moisture removal in test & dev. (Unit 14) [Rev 02/07/13]		Yes	N/A	N/A	Sec. A, 12
RMMRTF	2 rapid temperature furnaces in T&D (Unit 14) [Rev 02/14/02]		No	N/A	N/A	Sec. A, 12
RMMTDP	Testing & dev. Priller (Unit 14) [Rev 02/14/02]		Yes	N/A	N/A	Sec. A, 12
RMMKILN	4 Small rotary kilns (Unit 14)		No	PM/PM10/PM2.5	Less than 5 tpy	< 5 tpy criteria pollutants
RMMSPEX	3 Mixers in test & dev. (Unit 14)		No	N/A	N/A	Sec. A, 12
RMMVK	46 Vertical calcining kilns	Rev 12/09/11: Kilns decommissioned				
RMMTG	Transguard process (Unit 14)	2007	No	PM/PM10/PM2.5	Less than 5 tpy	< 5 tpy criteria pollutants
BOACT	Bloact cleaning system (Unit 15)		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
SFH	Fume Hood (laboratory hoods) (Unit 15)		Yes	N/A	N/A	Sec. A, 12
SO	QC lab oven (Unit 15)		Yes	N/A	N/A	Sec. A, 12
SBM	3 Bead mixers (Unit 15) [Rev 02/07/13]		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
MFP	2 Filter Presses (Unit 16)		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
MPS	Pot storage room exhaust (Unit 16)		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
MFH	2 Fume Hoods (laboratory hoods) (Unit 16)		Yes	N/A	N/A	Sec. A, 12
MSW	2 Solvent wash sinks (Unit 16)	Rev 12/09/11: Removed since solvent wash sinks are not in this department				
MO	Lab oven (Unit 16)		Yes	N/A	N/A	Sec. A, 12
MRTF	3 Rapid temperature furnaces (Unit 16) [Rev 02/07/13]		Yes	N/A	N/A	Sec. A, 12

**Title V Permit Application
Insignificant Activity Equipment- Form G
Bureau of Air Quality
Page 2 of 3**

1. Insignificant Activity (IA) Unit ID:	2. Insignificant Activity Unit ID Description	3. Construction Permit ID or Approval Date (if applicable):	4. On SC Insignificant Activity List (Yes or No)	5. Pollutant(s)	6. Emission Rate (Uncontrolled)	7. Deminimis Rate
CSR	Screen Room (Unit 17)		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
CSWS	3 Solvent wash stations (Unit 17)		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
BO	30 Ovens for chip binder burnout (Unit 18) [Rev 02/14/02]		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
CSO	11 Low temperature ovens for moisture removal (Unit 18) [Rev 02/07/13]		No	PM/VOC	Less than 5 tpy	< 5 tpy criteria pollutants
CSTR	1 Thermal release oven for paper removal (Unit 18)		No	PM/VOC	Less than 5 tpy	< 5 tpy criteria pollutants
CSPA	2 Paper applicator machines (Unit 18)		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
CSCD	2 Low temperature chip dryers (Unit 18)		No	PM/VOC	Less than 5 tpy	< 5 tpy criteria pollutants
CSCS	Blade cleaning station (Unit 18)		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
FK	20 Firing Kilns (Unit 18)		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
CSGI	Gold immersion hood (Unit 18) [Rev 02/07/13]		No	PM	Less than 5 tpy	< 5 tpy criteria pollutants
TL	5 Labelling lasers (Unit 19)		No	PM/VOC	Less than 5 tpy	< 5 tpy criteria pollutants
TSW	4 Solvent wash stations (Unit 19) [Rev 02/07/13]		No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
SBE	3 Non-lead SBE plating lines (Unit 19)	October 2007	No	PM/VOC	Less than 5 tpy	< 5 tpy criteria pollutants
BCB	BCB coating process (Unit 19)	September 2007	No	PM/VOC	Less than 5 tpy	< 5 tpy criteria pollutants
CPS	Copper Plating System (Unit 19) [Rev 02/07/13]		No	PM/VOC	Less than 5 tpy	< 5 tpy criteria pollutants
GPL	1 Manual gold plating line (Unit 19)	Manual gold plating line decommissioned [Rev 02/14/13]				
PDD	6 Plating dryers for moisture removal (Unit 19) [Rev 02/07/13]		No	PM/VOC	Less than 5 tpy	< 5 tpy criteria pollutants
PDO	1 Plate drying oven for moisture removal (Unit 19)		No	PM	Less than 5 tpy	< 5 tpy criteria pollutants
GO	1 Copper coupon oven (Unit 19)	Copper coupon oven decommissioned [Rev 02/14/13]				



**Title V Permit Application
Insignificant Activity Equipment- Form G
Bureau of Air Quality
Page 3 of 3**

1. Insignificant Activity (IA) Unit ID:	2. Insignificant Activity Unit ID Description	3. Construction Permit ID or Approval Date (if applicable):	4. On SC Insignificant Activity List (Yes or No)	5. Pollutant(s)	6. Emission Rate (Uncontrolled)	7. Deminimis Rate
TFCS	Chipstar Terminating Oven (Unit 20) [Rev 02/07/13]	October 2011	No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
TFQS	Quicksilver Terminating Machine (Unit 20) [Rev 02/07/13]	February 2013	No	VOC	Less than 5 tpy	< 5 tpy criteria pollutants
DFP	87 BHp Diesel Fire Pump (Unit 21)		Yes	N/A	N/A	Sec. B, 4
E1	100 kW emergency generator (Unit 21) [Rev 02/14/02]		Yes	N/A	N/A	Sec. B, 2a
E5	260 kW emergency generator	Removed from site [Rev 02/07/13]				
E6	600 kW emergency generator	E.G. decommissioned [Rev 02/14/13]				
E7	565 kW emergency generator (Unit 21) [Rev 02/14/02]		Yes	N/A	N/A	Sec. B, 2b
B4	0.392 MMBtu/hr Plating Bath Boiler (Unit 21)	Boiler decommissioned [Rev 02/14/13]				
B2	0.392 MMBtu/hr Plating Bath Boiler (Unit 21)	Boiler decommissioned [Rev 02/14/13]				
B3	0.779 MMBtu/hr Plating Bath Boiler (Unit 21)	Boiler decommissioned [Rev 02/14/13]				
CT1	Cooling tower 1 (Unit 21) [Rev 02/14/02]		Yes	N/A	NA	Sec. A, 20
CTA	Cooling tower 2A (Unit 21) [Rev 02/14/02]		Yes	N/A	NA	Sec. A, 20
CTC	Cooling tower 2C (Unit 21) [Rev 02/14/02]		Yes	N/A	NA	Sec. A, 20
DPA	Lot quality DPA hood (Unit 21) [Rev 02/14/02]		Yes	N/A	N/A	Sec. A, 13
LQO	2 Lot quality drying ovens (Unit 21) [Rev 02/14/02]		Yes	N/A	N/A	Sec. A, 13