



APR 30 2012

Ray Yee
PPG Industries
3333 S. Peach Ave
Fresno, CA 93725

**Re: Notice of Minor Title V Permit Modification
District Facility # C-948
Project # C-1082057**

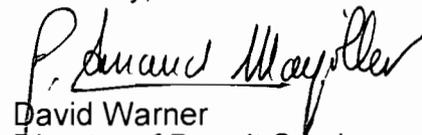
Dear Mr. Yee:

Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate Authority to Construct (ATC) C-948-17-4 into the Title V operating permit. PPG Industries requested the ATC permit to install an ultrasonic application system to replace the existing solution spray application system serving the "W" interleaving operation in their flat glass manufacturing process. There are no increases in emissions as a result of the modification.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued Authority to Construct (ATC) C-948-17-4, emission increases, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney at (559) 230-5900.

Sincerely,



David Warner
Director of Permit Services

Enclosures

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



APR 30 2012

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

Re: **Notice of Minor Title V Permit Modification**
District Facility # C-948
Project # C-1082057

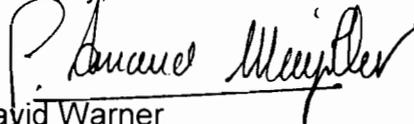
Dear Mr. Rios:

Enclosed for you to review is an application for minor Title V permit modification for the facility identified above. PPG Industries is proposing a Title V minor permit modification to incorporate Authority to Construct (ATC) C-948-17-4 into the Title V operating permit. PPG Industries requested the ATC permit to install an ultrasonic application system to replace the existing solution spray application system serving the "W" interleaving operation in their flat glass manufacturing process. There are no increases in emissions as a result of the modification.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued Authority to Construct (ATC) C-948-17-4, emission increases, application, and previous Title V permit. Please submit your written comments on this project within the 45-day comment period that begins on the date you receive this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney at (559) 230-5900.

Sincerely,



David Warner
Director of Permit Services

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TITLE V APPLICATION REVIEW

Minor Modification
Project #: C-1082057

Engineer: Ramon Norman
Date: April 18, 2012

Facility Number: C-948
Facility Name: PPG Industries
Mailing Address: 3333 S. Peach Ave
Fresno, CA 93725

Contact Name: Ray Yee
Phone: (559) 493-3208

Responsible Official: Ray Yee
Title: Plant Manager

I. PROPOSAL

PPG Industries is proposing a Title V minor permit modification to incorporate Authority to Construct (ATC) C-948-17-4 into the Title V operating permit. PPG Industries requested the ATC permit to install an ultrasonic application system to replace the existing solution spray application system serving the "W" interleaving operation in their flat glass manufacturing process.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

The facility is located at 3333 S Peach Ave, in Fresno, CA.

III. EQUIPMENT DESCRIPTION

C-948-17-5: "W" INTERLEAVING APPLICATION BOOTH WITH ULTRASONIC SPRAY APPLICATOR FOR THE APPLICATION OF "W" INTERLEAVING TO THE GLASS RIBBON SERVED BY ONE DUALL MODEL FW300-5 PVC FUME SCRUBBER AND REMOTE RECIRCULATION TANK

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

PPG Industries manufactures flat glass, primarily used in windows and doors. The production line includes a "W" interleaving process that applies a solution to the glass to prevent staining that is permitted under unit C-948-17. PPG Industries requested an ATC permit to install an ultrasonic application system to replace the existing solution spray application system serving the "W" interleaving operation. The applicant did not propose a change in the solution used within the operation. There will be no changes in the current permit conditions for Permit C-948-17 or emission increases as a result of this modification.

VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and

- b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and
3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No. C-948-17-5
- B. Authority to Construct (ATC) No. C-948-17-4
- C. Emissions Increases
- D. Application
- E. Previous Title V Operating Permit No. C-948-17-3

ATTACHMENT A

Proposed Modified Title V Operating Permit No.
(C-948-17-5)

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-948-17-5

EXPIRATION DATE: 02/29/2016

EQUIPMENT DESCRIPTION:

"W" INTERLEAVING APPLICATION BOOTH WITH ULTRASONIC SPRAY APPLICATOR FOR THE APPLICATION OF "W" INTERLEAVING TO THE GLASS RIBBON SERVED BY ONE DUALL MODEL FW300-5 PVC FUME SCRUBBER AND REMOTE RECIRCULATION TANK

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. The mixture of adipic acid and malic acid shall not exceed 3.0% of the "W" interleaving solution. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Fume scrubber shall be operated at all times of operation. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Application of "W" interleaving solution shall not exceed 216 gallons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. VOC emissions shall not exceed 0.020 pound per gallon of "W" interleaving solution used. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Permittee shall record "W" interleaving process rate and adipic acid and malic acid concentration rates. Records shall be made available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
9. The pressure drop across the scrubber shall be measured with a manometer (or similar device) and recorded quarterly during operation of this unit. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
10. Records of scrubber pressure drop shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
11. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
12. Visible emissions from the exhaust stack shall be checked annually. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If excessive visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

13. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Fresno County Rule 404, District Rule 4202 and Fresno County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

ATTACHMENT B

Authority to Construct No.
(C-948-17-4)



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

AUTHORITY TO CONSTRUCT

PERMIT NO: C-948-17-4

ISSUANCE DATE: 11/30/2007

LEGAL OWNER OR OPERATOR: PPG INDUSTRIES
MAILING ADDRESS: 3333 S PEACH AVE
FRESNO, CA 93725

LOCATION: 3333 S PEACH AVE
FRESNO, CA 93725

EQUIPMENT DESCRIPTION:
MODIFICATION OF 8.5 HP "W" INTERLEAVING APPLICATION BOOTH FOR THE APPLICATION OF "W" INTERLEAVING TO THE GLASS RIBBON SERVED BY ONE DUAL MODEL FW300-5 PVC FUME SCRUBBER AND REMOTE RECIRCULATION TANK; REPLACE SPRAY APPLICATION SYSTEM WITH A DUAL BRIDGE SONO-TEK WIDETRACK ULTRASONIC SPRAY APPLICATOR SYSTEM

CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
6. The mixture of adipic acid and malic acid shall not exceed 3.0% of the "W" interleaving solution. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Fume scrubber shall be operated at all times of operation. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Application of "W" interleaving solution shall not exceed 216 gallons per day. [District NSR Rule] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

David Warner
DAVID WARNER, Director of Permit Services

C-948-17-4 Nov 30 2007 8:51AM - TOMS : Joint Inspection NOT required

Central Regional Office • 1990 E. Gettysburg Ave. • Fresno, CA 93726 • (559) 230-5900 • Fax (559) 230-6061

9. VOC emissions shall not exceed 0.020 pound per gallon of "W" interleaving solution used. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Permittee shall record "W" interleaving process rate and adipic acid and malic acid concentration rates. Records shall be made available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
11. The pressure drop across the scrubber shall be measured with a manometer (or similar device) and recorded quarterly during operation of this unit. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
12. Records of scrubber pressure drop shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
13. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
14. Visible emissions from the exhaust stack shall be checked annually. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If excessive visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
15. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Fresno County Rule 404, District Rule 4202 and Fresno County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

ATTACHMENT C

Emissions Increases

	SSIPE (lb/yr)				
	NOx	SOx	PM10	CO	VOC
ATC C-948-17-4	0	0	0	0	0
TOTAL	0	0	0	0	0

ATTACHMENT D

Application

JK

San Joaquin Valley Air Pollution Control District

www.valleyair.org

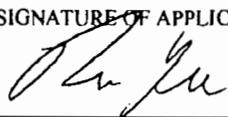
RECEIVED

MAY 21 2008

Permit Application For:

Permits Srvc
SJVAPCD

ADMINISTRATIVE AMENDMENT MINOR MODIFICATION SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: PPG Industries, Inc.	
2. MAILING ADDRESS: STREET/P.O. BOX: 3333 South Peach Avenue CITY: Fresno STATE: California 9-DIGIT ZIP CODE: 93725-9220	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: 3333 South Peach Avenue CITY: Fresno 1/4 SECTION TOWNSHIP RANGE	INSTALLATION DATE:
4. GENERAL NATURE OF BUSINESS: Glass Manufacturing	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) MODIFICATION OF 8.5 HP "W" INTERLEAVING APPLICATION BOOTH FOR THE APPLICATION OF "W" INTERLEAVING TO THE GLASS RIBBON SERVED BY ONE DUAL MODEL FW300-5 PVC FUME SCRUBBER AND REMOTE RECIRCULATION TANK: REPLACE SPRAY APPLICATION SYSTEM WITH A DUAL BRIDGE SONO-TEK WIDETRACK ULTRASONIC SPRAY APPLICATOR SYSTEM	
6. TYPE OR PRINT NAME OF APPLICANT: Mr. Ray Yee	TITLE OF APPLICANT: Plant Manager
7. SIGNATURE OF APPLICANT:  DATE: 5/19/08	PHONE: (559) 493-3208 FAX: (559) 493-3203 EMAIL: morisson@ppg.com

For APCD Use Only:

DATE STAMP: RECEIVED MAY 22 2008 FINANCE SJVAPCD	FILING FEE RECEIVED: \$ 16,000 DATE PAID: 5-22-08 PROJECT NO: C-1082057	CHECK#: CASH 5-21-08 FACILITY ID: C-948
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Central Regional Office • 1990 E. Gettysburg Avenue • Fresno, CA 93726-0244 • (559) 230-5900 • FAX (559) 230-6061

Revised: February 23, 2004

TVFORM-008

**San Joaquin Valley
Unified Air Pollution Control District**

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

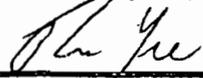
- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE
 MINOR PERMIT MODIFICATION AMENDMENT

COMPANY NAME: PPG Industries, Inc.	FACILITY ID: C - 948
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: PPG Industries, Inc.	
3. Agent to the Owner: Ray Yee, Plant Manager	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:



Signature of Responsible Official

5/19/08

Date

Ray Yee

Name of Responsible Official (please print)

Plant Manager

Title of Responsible Official (please print)

ATTACHMENT E

Previous Title V Operating Permit No.
C-948-17-3

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-948-17-3

EXPIRATION DATE: 02/29/2016

EQUIPMENT DESCRIPTION:

8.5 HP "W" INTERLEAVING APPLICATION BOOTH FOR THE APPLICATION OF "W" INTERLEAVING TO THE GLASS RIBBON SERVED BY ONE DUALL MODEL FW300-5 PVC FUME SCRUBBER AND REMOTE RECIRCULATION TANK.

PERMIT UNIT REQUIREMENTS

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PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

13. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Fresno County Rule 404, District Rule 4202 and Fresno County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit

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