



DEPARTMENT OF
ECOLOGY
State of Washington

PREVENTION OF SIGNIFICANT DETERIORATION (PSD) PERMIT

Issued To:	The Boeing Company Boeing Commercial Airplanes–Everett Facility 3003 West Casino Road Everett, Washington 98203
Permit Number:	PSD-11-01
Date of Original Permit Issuance:	August 24, 2011

This PSD permit is issued under the authority of the Washington State Clean Air Act, Chapter 70.94 Revised Code of Washington; the Washington State Department of Ecology regulations for the Prevention of Significant Deterioration of Air Quality as set forth in Washington Administrative Code 173-400-700 through 750; and the agreement for the delegation of the federal Prevention of Significant Deterioration regulations by the United States Environmental Protection Agency to the Washington State Department of Ecology dated February 23, 2005.

REVIEWED BY:

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8/24/11

Date



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PROJECT SUMMARY

The Boeing Company proposes to make physical and operational changes to their airplane manufacturing facility in Everett, Washington, to enable an increase in the production rate of the 777 model airplane. The proposed project is intended to increase 777 production capacity at the Everett facility from a maximum of about 84 airplanes per year to a projected maximum of 100 airplanes per year. The applicant, herein referred to as “Boeing-Everett” or “Permittee,” intends to modify two of the four wing laydown spray booths (i.e., the two north booths) in Building 40-37 to accommodate robotic spray coating systems. Boeing-Everett also proposes to make physical and operational changes to the southwest wing laydown spray booth in Building 40-37 to accommodate left-hand wings while construction of the two north wing laydown spray booths in Building 40-37 is ongoing. After the proposed modification is completed, Boeing-Everett intends to consolidate all of the wing coating operations that currently occur in six existing 777 wing spray booths into the two 777 robotic wing laydown spray booths. The maximum production capacity of the two modified northern wing laydown spray booths will increase to about 12 wing sets per month or 144 wing sets per year, based on a 365 manufacturing days per year schedule. One wing set consists of a right hand wing and a left hand wing. The production capacity of the two southern wing laydown spray booths will increase to approximately 10 wing sets per month or 120 wing sets per year, based on a 365 manufacturing days per year schedule. Collectively, the maximum production capacity of the modified northern and southern wing laydown spray booths will be about 264 wing sets per year, based on a 365 manufacturing days per year schedule.

Boeing-Everett also intends to make other changes to 777 assembly operations that are not expected to involve changes to spray booths or other emission units. These changes include, but are not necessarily limited to, the following:

- a. Reconfiguration of an existing fuselage assembly position to accommodate both the freighter and passenger versions of the 777.
- b. Installation of new drilling equipment used in wing assembly.
- c. Installation of new floor assembly tooling.
- d. Transfer of work from one location in the factory to another to better balance workloads.
- e. Installation of a new sky bridge and/or material lift at the wing-to-body join position to facilitate movement of parts and equipment.
- f. Installation of new wing and body staging positions.
- g. Acquisition of miscellaneous tools and equipment (e.g., drill jigs, transportation tools).

The proposed project is expected to result in a significant emissions increase of approximately 53 tons per year (tpy) of volatile organic compounds (VOCs) and a significant net emissions increase of approximately 94 tpy of VOCs. Other regulated new source review pollutants will not experience a significant emissions increase. As used in this PSD permit, VOC means any compound defined as VOC in 40 C.F.R. § 51.100(s).

A full technical review of the project, including a Best Available Control Technology (BACT) analysis, and the project’s effect on national ambient air quality standards, PSD increments, visibility, soils, and vegetation, is included in a Technical Support Document prepared by the Washington State Department of Ecology (Ecology) on July 15, 2011.

APPROVAL CONDITIONS

Based on the PSD permit application submitted by Boeing–Everett on April 14, 2011, the additional information submitted on April 26, May 4, May 12, and June 28, 2011, and the technical review performed by Ecology, Ecology finds that all requirements for issuance of this PSD permit have been satisfied. Approval of the project described above is granted subject to the following conditions:

I. EFFECTIVE DATE OF PERMIT

In accordance with 40 C.F.R. § 124.15 and § 124.19, and the Washington Administrative Code (WAC) 173-400-730, the effective date of this PSD permit is one of the following dates:

- A. If no comments on the preliminary determination were received: the date of issuance; or
- B. If comments were received: thirty (30) days after the applicant and the commenters receive the final determination; or
- C. If a review of the final determination is requested pursuant to 40 C.F.R. § 124.13 and 40 C.F.R. § 124.19, the effective date of the permit is suspended until such time as the review and any subsequent appeal against the permit are resolved.

II. PERMIT EXPIRATION

Pursuant to 40 C.F.R. § 52.21(r)(2), and unless an extension is granted by Ecology prior to expiration, this PSD permit will become invalid if construction:

- A. Has not commenced (as defined in 40 C.F.R. § 52.21(b)(9)) within eighteen (18) months of the effective date of this permit; or
- B. Is discontinued for a period of eighteen (18) months or more; or
- C. Is not completed within a reasonable time.

III. PERMIT NOTIFICATION REQUIREMENTS

- A. Permittee's requirements in this PSD permit to notify, report to, or acquire approval or agreement from "Ecology and/or the Puget Sound Clean Air Agency (PSCAA)" may be satisfied by providing such notification, reporting, or approval request to PSCAA if the conditions of this PSD permit have been incorporated into Boeing–Everett's Title V Air Operating Permit issued pursuant to 40 C.F.R. Part 70.

- B. Permittee must notify Ecology and/or PSCAA, as specified in Condition III.A, in writing or electronic mail of the:
1. Date construction is commenced, postmarked or received within thirty (30) days of such date.
 2. Anticipated date of initial start-up, as defined in 40 C.F.R. § 63.2, of each modified spray booth not more than sixty (60) days nor less than thirty (30) days prior to such date.
 3. Actual date of initial start-up, as defined in 40 C.F.R. § 63.2, of each modified spray booth, postmarked or received within fifteen (15) days of such date.

IV. EMISSION LIMITS

A. BACT Emission Limits

Consistent with the requirements of 40 C.F.R. § 52.21(j)(3), the following BACT limitations apply to VOC emissions from the two 777 robotic wing laydown spray booths and the modified nonrobotic southwest wing laydown spray booth in Building 40-37:

1. Permittee must comply with all applicable VOC emission standards of the National Emission Standards for Aerospace Manufacturing and Rework Facilities, 40 C.F.R. Part 63, Subpart GG (Aerospace NESHAP), as in effect on July 1, 2011.
2. Combined VOC emissions from wing cleaning and coating operations from the modified 777 wing laydown spray booths, including the two robotic wing laydown spray booths and the nonrobotic southwest wing laydown spray booth, must not exceed 0.17 ton per wing coated through each wing spray booth, as determined according to Condition VI.A.4.
3. VOC emissions from wing cleaning and coating operations in the two 777 robotic wing laydown spray booths and the nonrobotic southwest wing laydown spray booth in Building 40-37 must not exceed a combined total of 34 tons in any twelve (12) consecutive months.

B. Special Emission Limits

Consistent with the requirements of 40 C.F.R. § 52.21(k)(1), VOC emissions from wing cleaning and coating operations in the two 777 robotic wing laydown spray booths, the modified nonrobotic southwest wing laydown spray booth and the southeast wing laydown spray booth in Building 40-37 must not exceed a combined total of 36.3 tons in any twelve (12) consecutive months.

V. SPECIFIC OPERATING REQUIREMENTS

- A. For wing cleaning and coating operations in the 777 robotic wing laydown spray booths and in the modified 777 nonrobotic southwest wing laydown spray booth in Building 40-37, Boeing-Everett must comply with all applicable VOC emission standards of the Aerospace NESHAP, 40 C.F.R. Part 63, Subpart GG (as in effect on July 1, 2011), including but not limited to the following requirements, as applicable:
1. Cleaning solvent-laden cloth, paper, or any other absorbent applicators used for cleaning will be deposited in bags or other closed containers upon completing their use to the extent required by 40 C.F.R. § 63.744(a)(1).
 2. Fresh and spent cleaning solvents, except semi-aqueous solvent cleaners as defined in 40 C.F.R. § 63.742 must be stored in closed containers to the extent required by 40 C.F.R. § 63.744(a)(2).
 3. Conduct the handling and transfer of cleaning solvents to or from enclosed systems and other cleaning operation equipment that hold or store fresh or spent cleaning solvents in a manner that minimizes spills to the extent required by 40 C.F.R. § 63.744(a)(3).
 4. Hand-wipe cleaning solvents must comply with either Condition V.A.4.a. or Condition V.A.4.b. to the extent required by 40 C.F.R. § 63.744(b):
 - a. A VOC composite vapor pressure not greater than 45 mm Hg at 20°C (determined in accordance with Condition VI.B.3); or
 - b. The composition requirements in Table 1 of 40 C.F.R. § 63.744.
 5. To the extent required by 40 C.F.R. § 63.744(d), when conducting flush cleaning operations subject to 40 C.F.R. Part 63, Subpart GG (excluding those in which the cleaning solvents used either meet the composition requirements in Table 1 of 40 C.F.R. § 63.744 or are semi-aqueous as defined in 40 C.F.R. § 63.742), the Permittee shall empty the used cleaning solvent each time aerospace parts or assemblies, or components of a coating unit (with the exception of spray guns) are flush cleaned into an enclosed container or collection system that is kept closed when not in use or into a system with equivalent emission control.
 6. The VOC content level in primers and topcoats must meet the following requirements:
 - a. Exterior primers: Not greater than 5.4 lb VOC/gal, as applied, less water and exempt solvents to the extent required by 40 C.F.R. § 63.745(c)(2).

- b. All other primers: Not greater than 2.9 lb VOC/gal as applied, less water and exempt solvents to the extent required by 40 C.F.R. § 63.745(c)(2).
 - c. Topcoats: Not greater than 3.5 lb VOC/gal, as applied, less water and exempt solvents to the extent required by 40 C.F.R. § 63.745(c)(4).
7. To the extent required by 40 C.F.R. § 63.745(f)(1), spray-applied primers and topcoats for wings must be applied using High Volume Low Pressure (HVLP), electrostatic, or other spray coating application methods, as approved by Ecology and/or PSCAA, as specified in Condition III.A., with a transfer efficiency equivalent to or greater than HVLP or electrostatic spray application methods.
8. To the extent required by 40 C.F.R. § 63.744(c), and except as specified in Condition V.A.8.e., spray guns and hoses will be cleaned by one or more of the methods specified in Conditions V.A.8.a. through V.A.8.d., or equivalent methods that are approved by Ecology and/or PSCAA, as specified in Condition III.A.:
- a. Enclosed system to the extent required by 40 C.F.R. § 63.744(c)(1):
 - i. Clean the spray gun in an enclosed system that is closed at all times except when inserting or removing the spray gun.
 - ii. Cleaning must consist of forcing solvent through the gun.
 - b. Nonatomized cleaning to the extent required by 40 C.F.R. § 63.744(c)(2):
 - i. Clean the spray gun by placing cleaning solvent in the pressure pot and forcing it through the gun with the atomizing cap in place.
 - ii. No atomizing air is to be used.
 - iii. Direct the cleaning solvent from the spray gun into a vat, drum, or other waste container that is closed when not in use.
 - c. Disassembled spray gun cleaning to the extent required by 40 C.F.R. § 63.744(c)(3):
 - i. Disassemble the spray gun and clean the components by hand in a vat, which must remain closed at all times except when in use; or
 - ii. Soak the components in a vat, which must remain closed during the soaking period and when not inserting or removing components.

- d. Atomized cleaning to the extent required by 40 C.F.R. § 63.744(c)(4):
 - i. Clean the spray gun by forcing the cleaning solvent through the gun.
 - ii. Direct the resulting atomized spray into a waste container that is fitted with a device designed to capture the atomized cleaning solvent emissions.

- B. In addition to complying with the VOC emission standards of the Aerospace NESHAP, 40 C.F.R. Part 63, Subpart GG (as in effect on July 1, 2011) as required in Condition V.A, cleaning solvent for all wing cleaning and coating operations in the 777 robotic wing laydown spray booths and in the modified 777 nonrobotic southwest wing laydown spray booth in Building 40-37, must comply with the following requirements:
 1. All wing cleaning solvents must be applied either manually or by low pressure applicators, except in the following situations:
 - a. Cleaning intricate surfaces;
 - b. Where access is limited to the extent that using a low pressure applicator is infeasible; or
 - c. Use of a cleaning solvent that either meets the composition requirements in Table 1 of 40 C.F.R. § 63.744 or meets the definition of a semi-aqueous cleaning solvent as defined in 40 C.F.R. § 63.742 (as in effect on July 1, 2011).
 2. Solvent used for hand wiping inside of fuel cells, fuel tanks, and confined spaces must have a VOC composite vapor pressure not greater than 72 mm Hg at 20°C (determined in accordance with Condition VI.B.3).

VI. COMPLIANCE MONITORING REQUIREMENTS

- A. Beginning the first calendar month that any of the modified 777 wing laydown spray booths in Building 40-37 is first used for wing cleaning and coating, Permittee must monitor compliance with Conditions IV.A.2., IV.A.3., and IV.B., as follows:
 1. Quantify the amount of each VOC-containing material used in each calendar month in the 777 robotic wing laydown spray booths and the nonrobotic southwest and southeast wing laydown spray booths in Building 40-37, and calculate the corresponding total consumption over the previous twelve (12) consecutive months. For the purpose of this calculation, the amount of each

VOC-containing material used in the 777 robotic wing laydown spray booths and the nonrobotic southwest and southeast wing laydown spray booths in Building 40-37 during the eleven (11) months preceding the first month in which any of the modified 777 wing laydown spray booths in Building 40-37 is first used for wing cleaning and coating, shall be considered zero.

2. Determine VOC content of each VOC-containing material from the corresponding Material Safety Data Sheets (MSDSs) or other data supplied by the material's manufacturer, or other method approved by Ecology and/or PSCAA, as specified in Condition III.A.
3. Calculate the monthly VOC emissions from each VOC-containing material used in the 777 robotic wing laydown spray booths and the nonrobotic southwest and southeast wing laydown spray booths in Building 40-37 by multiplying the value obtained in Condition VI.A.2. by the total consumption of that material as obtained pursuant to Condition VI.A.1.
 - a. Verify compliance with Condition IV.A.3. by summing the monthly total VOC emissions from all VOC-containing materials used over the previous twelve (12) consecutive months in the 777 robotic wing laydown spray booths and the nonrobotic southwest wing laydown spray booth.
 - b. Verify compliance with Condition IV.B. by summing the monthly total VOC emissions from all VOC-containing materials used over the previous twelve (12) consecutive months in the 777 robotic wing laydown spray booths and the nonrobotic southwest and southeast wing laydown spray booths.
4. Quantify the total number of wings coated in the 777 robotic wing laydown spray booths and the nonrobotic southwest wing laydown spray booth in each calendar year. Verify compliance with Condition IV.A.2. by dividing the value obtained pursuant to Condition VI.A.3.a. for each calendar year by the total number of wings coated in the 777 robotic wing laydown spray booths and the nonrobotic southwest wing laydown spray booth in that calendar year.
5. Permittee may deduct from the total VOC emissions calculated pursuant to Condition VI.A.3.:
 - a. Any VOCs that are included in the coating formulation as reactive components to the extent that they are incorporated into the final wing coating as verified by the coating's manufacturer documentation.
 - b. Any VOCs recovered for reuse, recycling or disposal, or discharged from Boeing-Everett to wastewater or solid waste, from materials used in the

777 robotic wing laydown spray booths and the nonrobotic southwest and southeast wing laydown spray booths.

- B. Beginning the first calendar month that any of the modified wing laydown spray booths in Building 40-37 is first used for wing cleaning and coating, Permittee must monitor compliance with Conditions V.A.1 through V.A.5., V.A.7., V.A.8., and V.B by:
1. Conducting inspections of the work practice activities in the 777 robotic wing laydown spray booths and in the 777 nonrobotic southwest wing laydown spray booth in Building 40-37 at least once per calendar year.
 2. Work practices will be randomly sampled during each inspection, and observed for consistency with permit requirements.
 3. To monitor compliance with Condition V.A.4.a. and V.B.2., Permittee must determine, as applicable, each wing cleaning solvent's VOC composite vapor pressure in accordance with:
 - a. 40 C.F.R. § 63.750(b)(1) for single component solvents (as in effect on July 1, 2011); or
 - b. The equation in 40 C.F.R. § 63.750(b)(2) for blended solvents (as in effect on July 1, 2011).
 4. To monitor compliance with Condition V.A.4.b., Permittee must determine, as applicable, each wing cleaning solvent's composition in accordance with 40 C.F.R. § 63.750(a) (as in effect on July 1, 2011) or by another method approved by Ecology and/or PSCAA, as specified in Condition III.A.
- C. Beginning the first calendar month that any of the modified 777 wing laydown spray booths in Building 40-37 is first used for wing cleaning and coating, Permittee must monitor compliance with Condition V.A.6. by determining the VOC content (less water and exempt solvents) for each affected coating from the coating's MSDS or other data supplied by the manufacturer, or by another method approved by Ecology and/or PSCAA, as specified in Condition III.A.

VII. RECORDKEEPING AND REPORTING REQUIREMENTS

- A. Beginning the first calendar month that any of the modified 777 wing laydown spray booths in Building 40-37 is first used for wing cleaning and coating, Permittee must keep the following records at the site (or electronically accessible at the site):

1. Number of airplane wings processed through the 777 robotic wing laydown spray booths and the 777 nonrobotic southwest wing laydown spray booth in Building 40-37.
 2. The calculations and results pursuant to Condition VI.A.
 3. An annually updated list of all VOC-containing materials used in the 777 robotic wing laydown spray booths and the 777 nonrobotic southwest and southeast wing laydown spray booths in Building 40-37 within the immediate past twelve (12) months. For the purpose of this record, the immediate past twelve (12) months shall not include any month prior to the month that any of the modified 777 wing laydown spray booths are first used for wing cleaning and coating.
 4. For materials containing VOCs that were deducted pursuant to Condition VI.A.5., manufacturer documentation verifying the quantity of reactive VOC incorporated into the final wing coating.
 5. For VOCs that were deducted pursuant to Condition VI.A.5., inventory records verifying the quantity of VOCs recovered for reuse, recycling or disposal, or discharged from Boeing-Everett to wastewater or solid waste, from materials used in the 777 robotic wing laydown spray booths and the 777 nonrobotic southwest and southeast wing laydown spray booths in Building 40-37.
- B. Records must be retained for not less than five (5) years after their origination.
1. At a minimum, the most recent two (2) years of data must be retained on-site (or be electronically accessible at the site). The remaining three (3) years of data may be retained off-site.
 2. Records must be available for inspection by Ecology and PSCAA within ten (10) days of request.
- C. Beginning the first calendar year after any of the modified 777 wing laydown spray booths in Building 40-37 is first used for wing cleaning and coating, Permittee must report in writing or electronic mail, postmarked or received by June 15 of each year, the following information to Ecology and/or PSCAA, as specified in Condition III.A.:
1. The types and corresponding monthly and rolling 12-month total quantities of VOC-containing materials used in the 777 robotic wing laydown spray booths and the 777 nonrobotic southwest and southeast wing laydown spray booths in Building 40-37 for the previous calendar year.

2. The quantity of VOCs in the VOC-containing materials reported pursuant to Condition VII.C.1.
3. For VOCs that were deducted pursuant to Condition VI.A.5.a., the monthly and rolling 12-month total quantity of reactive VOCs incorporated into the final wing coating for the previous calendar year.
4. For VOCs that were deducted pursuant to Condition VI.A.5.b., the monthly and rolling 12-month total quantity of VOCs recovered for reuse, recycling or disposal, or discharged from Boeing-Everett to wastewater or solid waste, from materials used in the 777 robotic wing laydown spray booths and the 777 nonrobotic southwest and southeast wing laydown spray booths in Building 40-37 for the previous calendar year.

VIII. GENERAL RESTRICTIONS ON FACILITY OPERATIONS

- A. At all times, the Permittee must, to the extent practicable, maintain and operate the two robotic wing laydown spray booths and the southwest wing laydown spray booth, including any associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.
- B. Determination of whether acceptable operating and maintenance procedures are being used for the two robotic wing laydown spray booths and the southwest wing laydown spray booth will be based on information available to Ecology, the U.S. Environmental Protection Agency (EPA), PSCAA and/or their authorized representatives, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

IX. MALFUNCTION AND EXCESS EMISSIONS REPORTING

- A. Prior to incorporation of the conditions of this PSD permit into Boeing-Everett's Title V Air Operating Permit issued pursuant to 40 C.F.R. Part 70, Permittee must report to Ecology and PSCAA, in writing or electronic mail, following the discovery of any malfunction of air pollution control equipment, process equipment, or of a process, which results in an increase in VOC emissions above the allowable emission limits stated in Sections IV. and V. of this permit, in accordance with WAC 173-400-107 and the following conditions:
 1. As used in WAC 173-400-107(3), "as soon as possible" shall mean in no case later than twelve (12) hours following the discovery of any occurrence of excess VOC emissions above the allowable emission limits stated in Sections IV. and V. of this permit that represent a potential threat to human health or safety.

2. Permittee must notify Ecology and PSCAA, in writing or electronic mail, postmarked or received within thirty (30) days after the end of the month in which a malfunction is discovered, for any malfunction of air pollution control equipment, process equipment, or of a process, which results in an increase in VOC emissions above the allowable emission limits stated in Sections IV. and V. of this permit. This notification must include a description of the malfunctioning equipment, process equipment or process, the date and time of the initial malfunction (if known), the period of time over which emissions were increased due to the malfunction, the cause of the malfunction (if known), the estimated resultant emissions in excess of those allowed in Sections IV. and V., and the methods utilized to mitigate emissions and restore normal operations.
 3. For purposes of Condition IX.A., “malfunction” means any failure of air pollution control equipment, process equipment, or of a process to operate in a normal manner.
- B. After the conditions of this PSD permit have been incorporated into Boeing-Everett’s Title V Air Operating Permit issued pursuant to 40 C.F.R. Part 70, Permittee shall report to PSCAA the discovery of any malfunction of air pollution control equipment, process equipment, or of a process, which results in an increase in VOC emissions above the allowable emission limits stated in Sections IV. and V. of this permit pursuant to the deviation reporting requirements and, if applicable, pursuant to the unavoidable excess emissions reporting requirements, of that Title V Air Operating Permit.
- C. Compliance with the malfunction notification requirements of Conditions IX.A. or IX.B., as applicable, will not excuse or otherwise constitute a defense to any violation of this PSD permit or any law or regulation such malfunction may cause.

X. RIGHT OF ENTRY

Section 114 of the federal Clean Air Act, 42 U.S.C. § 7414, the Revised Code of Washington (RCW) 70.94.200, and WAC 173-400-105(3) provide authorized representatives of EPA, Ecology, and PSCAA certain rights to enter and inspect the source. Refusal by the Permittee to allow such entry and inspection may be a violation of the federal Clean Air Act and/or the Revised Code of Washington subject to penalty as provided in those statutes. Pursuant to these statutes, authorized representatives of EPA, Ecology, and PSCAA, upon the presentation of credentials:

- A. Have a right of entry to, upon, or through any premises of the Permittee or any premises in which any records this permit requires the Permittee to maintain are located.

- B. Have the right, at reasonable times, to access and copy any records this permit requires the Permittee to maintain.
- C. Have the right, at reasonable times, to inspect any monitoring equipment or method required by this permit.
- D. Have the right, at reasonable times, to sample any emissions that the permittee is required to sample under this permit.

XI. TRANSFER OF OWNERSHIP

- A. In the event of any changes in control or ownership of facilities to be constructed, this PSD permit will be binding on all subsequent owners and operators. The applicant must notify the succeeding owner and operator of the existence of this PSD permit and its conditions by letter, a copy of which must be forwarded to Ecology and/or PSCAA, as specified in Condition III.A.
- B. If the conditions of this PSD permit have been incorporated into Boeing-Everett's Title V Air Operating Permit issued pursuant to 40 C.F.R. Part 70, then the provisions for amending that Title V Air Operating Permit to allow for a change in ownership or operational control shall apply in place of the notification provisions in Condition XI.A.

XII. ADHERENCE TO APPLICATION AND COMPLIANCE WITH OTHER ENVIRONMENTAL LAWS

- A. Pursuant to 40 C.F.R. § 52.21(r)(1), the Permittee must construct and operate the two robotic wing laydown spray booths and the southwest wing laydown spray booth in accordance with this PSD permit and the application on which this permit is based.
- B. Pursuant to 40 C.F.R. § 52.21(r)(3), this PSD permit shall not relieve the Permittee of the responsibility to comply fully with applicable provisions of the State Implementation Plan and any other requirements under local, state, or federal law.
- C. Any applicant who fails to submit any relevant facts or who has submitted materially incorrect relevant information in a permit application must, upon becoming aware of such failure, or incorrect submittal, promptly submit such supplementary facts or corrected information.
- D. To the extent provided by 40 C.F.R. § 52.12(c), for the purpose of establishing whether or not the Permittee has violated or is in violation of any requirement of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the permittee

would have been in compliance with applicable requirements if the appropriate performance or reference test or procedure had been performed.

XIII. APPEAL PROCEDURES

This PSD permit, or any conditions contained in it, may be appealed to:

- A. The Pollution Control Hearings Board (PCHB) as provided in Chapter 43.21B RCW and Chapter 371-08 WAC; and/or
- B. EPA's Environmental Appeals Board (EAB) as provided in 40 C.F.R. § 124.13 and 40 C.F.R. § 124.19.

ACRONYMS AND ABBREVIATIONS

Aerospace NESHAP	National Emission Standards for Aerospace Manufacturing and Rework Facilities (40 C.F.R. Part 63, Subpart GG)
BACT	Best Available Control Technology
Boeing-Everett	The Boeing Company, Boeing Commercial Airplanes–Everett Facility
C.F.R.	Code of Federal Regulations
EAB	Environmental Appeals Board
Ecology	Washington State Department of Ecology
EPA	United States Environmental Protection Agency
gal	Gallon(s)
HVLP	High Volume Low Pressure
lb	Pound(s)
mm Hg	Millimeters of Mercury Column
MSDS	Material Safety Data Sheet
NESHAP	National Emission Standards for Hazardous Air Pollutants
°C	Degrees Celsius
PCHB	Pollution Control Hearings Board
PSCAA	Puget Sound Clean Air Agency
PSD	Prevention of Significant Deterioration of Air Quality
RCW	Revised Code of Washington
U.S.C.	United States Code
VOCs	Volatile Organic Compounds
WAC	Washington Administrative Code