West Virginia Department of Environmental Protection
Division of Air Quality

Earl Ray Tomblin
Governor

Randy C. Huffman
Cabinet Secretary

Permit to Modify

R13-2236B

This permit is issued in accordance with the West Virginia Air Pollution Control Act (West Virginia Code §§ 22-5-1 et seq.) and 45 C.S.R. 13 — Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation. The permittee identified at the facility listed below is authorized to construct the stationary sources of air pollutants identified herein in accordance with all terms and conditions of this permit.

Issued to:

Bombardier Services Corporation
Bridgeport Facility
033-00132

William F. Durham
Director

Issued: June 12, 2015

This permit will supercede and replace Permit R13-2236A.

Facility Location:	Bridgeport, Harrison County, West Virginia
Mailing Address:	2400 Aviation Way Bridgeport, WV 26330
Facility Description:	Aerospace maintenance and repair facility
NAICS Codes:	488190, 488119, 336413
UTM Coordinates:	566.399 km Easting • 4,350.14 km Northing • Zone 17
Permit Type:	Modification

Description of Change:

Addition of a natural gas heated spray booth, sanding booth and unheated spray booth (glue).

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

The source is not subject to 45CSR30.

Table of Contents

1.0. Emission Units **3**

2.0. General Conditions 4
- 2.1. Definitions 4
- 2.2. Acronyms 4
- 2.3. Authority 5
- 2.4. Term and Renewal 5
- 2.5. Duty to Comply 5
- 2.6. Duty to Provide Information 5
- 2.7. Duty to Supplement and Correct Information 6
- 2.8. Administrative Permit Update 6
- 2.9. Permit Modification 6
- 2.10. Major Permit Modification 6
- 2.11. Inspection and Entry 6
- 2.12. Emergency 6
- 2.13. Need to Halt or Reduce Activity Not a Defense 7
- 2.14. Suspension of Activities 7
- 2.15. Property Rights 7
- 2.16. Severability 8
- 2.17. Transferability 8
- 2.18. Notification Requirements 8
- 2.19. Credible Evidence 8

3.0. Facility-Wide Requirements 9
- 3.1. Limitations and Standards 9
- 3.2. Monitoring Requirements 9
- 3.3. Testing Requirements 9
- 3.4. Recordkeeping Requirements 11
- 3.5. Reporting Requirements 11

4.0. Source-Specific Requirements 13
- 4.1. Limitations and Standards 13
- 4.2. Testing Requirements 16
- 4.3. Monitoring and Recordkeeping Requirements 16

CERTIFICATION OF DATA ACCURACY **19**

1.0 Emission Units[1]

Emission Unit ID	Emission Point ID	Emission Unit Description	Year Installed	Design Capacity	Control Device
SB-2	EP-5A EP-5B	Spray Booth	2015	NA	Fabric Filter
MAU-1	EP-3	Make-up Air Unit	2015	1.5 mmbtu/hr	None
GB-1	EP-6	Glue Booth	2015	NA	Fabric Filter
SaB-1	EP-7	Sanding Booth	2015	NA	Fabric Filter
CYC-1	EP-4	Wood Working	2015	NA	Cyclone

[1]Although this permit covers the entire facility, only the emission units covered in permit application R13-2236B are listed in Table 1.0.

2.0. General Conditions

2.1. Definitions

2.1.1. All references to the "West Virginia Air Pollution Control Act" or the "Air Pollution Control Act" mean those provisions contained in W.Va. Code §§ 22-5-1 to 22-5-18.

2.1.2. The "Clean Air Act" means those provisions contained in 42 U.S.C. §§ 7401 to 7671q, and regulations promulgated thereunder.

2.1.3. "Secretary" means the Secretary of the Department of Environmental Protection or such other person to whom the Secretary has delegated authority or duties pursuant to W.Va. Code §§ 22-1-6 or 22-1-8 (45 CSR § 30-2.12.). The Director of the Division of Air Quality is the Secretary's designated representative for the purposes of this permit.

2.2. Acronyms

CAAA	Clean Air Act Amendments
CBI	Confidential Business Information
CEM	Continuous Emission Monitor
CES	Certified Emission Statement
C.F.R. *or* CFR	Code of Federal Regulations
CO	Carbon Monoxide
C.S.R. *or* CSR	Codes of State Rules
DAQ	Division of Air Quality
DEP	Department of Environmental Protection
dscm	Dry Standard Cubic Meter
FOIA	Freedom of Information Act
HAP	Hazardous Air Pollutant
HON	Hazardous Organic NESHAP
HP	Horsepower
lbs/hr	Pounds per Hour
LDAR	Leak Detection and Repair
M	Thousand
MACT	Maximum Achievable Control Technology
MDHI	Maximum Design Heat Input
MM	Million
MMBtu/hr *or* mmbtu/hr	Million British Thermal Units per Hour
MMCF/hr *or* mmcf/hr	Million Cubic Feet per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAPS	National Emissions Standards for Hazardous Air Pollutants
NO_x	Nitrogen Oxides
NSPS	New Source Performance Standards
PM	Particulate Matter
$PM_{2.5}$	Particulate Matter less than 2.5μm in diameter
PM_{10}	Particulate Matter less than 10μm in diameter
Ppb	Pounds per Batch
pph	Pounds per Hour
ppm	Parts per Million
Ppmv or ppmv	Parts per million by volume
PSD	Prevention of Significant Deterioration
psi	Pounds per Square Inch
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO_2	Sulfur Dioxide
TAP	Toxic Air Pollutant
TPY	Tons per Year
TRS	Total Reduced Sulfur
TSP	Total Suspended Particulate
USEPA	United States Environmental Protection Agency
UTM	Universal Transverse Mercator
VEE	Visual Emissions Evaluation
VOC	Volatile Organic Compounds
VOL	Volatile Organic Liquids

2.3. Authority

This permit is issued in accordance with West Virginia Air Pollution Control Law W.Va. Code §§22-5-1 et seq. and the following Legislative Rules promulgated thereunder:

2.3.1. 45CSR13 – *Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permits, General Permits and Procedures for Evaluation;*

2.4. Term and Renewal

2.4.1. This permit supercedes and replaces previously issued Permit R13-2236A. This permit shall remain valid, continuous and in effect unless it is revised, suspended, revoked or otherwise changed under an applicable provision of 45CSR13 or any applicable legislative rule.

2.5. Duty to Comply

2.5.1. The permitted facility shall be constructed and operated in accordance with the plans and specifications filed in Permit Application R13-2236, R13-2236A and R13-2236B and any modifications, administrative updates, or amendments thereto. The Secretary may suspend or revoke a permit if the plans and specifications upon which the approval was based are not adhered to; **[45CSR§§13-5.11 and 13-10.3]**

2.5.2. The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the West Virginia Code and the Clean Air Act and is grounds for enforcement action by the Secretary or USEPA;

2.5.3. Violations of any of the conditions contained in this permit, or incorporated herein by reference, may subject the permittee to civil and/or criminal penalties for each violation and further action or remedies as provided by West Virginia Code 22-5-6 and 22-5-7;

2.5.4. Approval of this permit does not relieve the permittee herein of the responsibility to apply for and obtain all other permits, licenses and/or approvals from other agencies; i.e., local, state and federal, which may have jurisdiction over the construction and/or operation of the source(s) and/or facility herein permitted.

2.6. Duty to Provide Information

The permittee shall furnish to the Secretary within a reasonable time any information the Secretary may request in writing to determine whether cause exists for administratively updating, modifying, revoking or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Secretary copies of records to be kept by the permittee. For information claimed to be confidential, the permittee shall furnish such records to the Secretary along with a claim of confidentiality in accordance with 45CSR31. If confidential information is to be sent to USEPA, the permittee shall directly provide such information to USEPA along with a claim of confidentiality in accordance with 40 C.F.R. Part 2.

2.7. Duty to Supplement and Correct Information

Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the permittee shall promptly submit to the Secretary such supplemental facts or corrected information.

2.8. Administrative Update

The permittee may request an administrative update to this permit as defined in and according to the procedures specified in 45CSR13.
[45CSR§13-4]

2.9. Permit Modification

The permittee may request a minor modification to this permit as defined in and according to the procedures specified in 45CSR13.
[45CSR§13-5.4.]

2.10. Major Permit Modification

The permittee may request a major modification as defined in and according to the procedures specified in 45CSR14 or 45CSR19, as appropriate.
[45CSR§13-5.1]

2.11. Inspection and Entry

The permittee shall allow any authorized representative of the Secretary, upon the presentation of credentials and other documents as may be required by law, to perform the following:

a. At all reasonable times (including all times in which the facility is in operation) enter upon the permittee's premises where a source is located or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect at reasonable times (including all times in which the facility is in operation) any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit;

d. Sample or monitor at reasonable times substances or parameters to determine compliance with the permit or applicable requirements or ascertain the amounts and types of air pollutants discharged.

2.12. Emergency

2.12.1. An "emergency" means any situation arising from sudden and reasonable unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission

limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

2.12.2. Effect of any emergency. An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions of Section 2.12.3 are met.

2.12.3. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;

b. The permitted facility was at the time being properly operated;

c. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and,

d. The permittee submitted notice of the emergency to the Secretary within one (1) working day of the time when emission limitations were exceeded due to the emergency and made a request for variance, and as applicable rules provide. This notice must contain a detailed description of the emergency, any steps taken to mitigate emission, and corrective actions taken.

2.12.4. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

2.12.5. The provisions of this section are in addition to any emergency or upset provision contained in any applicable requirement.

2.13. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it should have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. However, nothing in this paragraph shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in determining penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continued operations.

2.14. Suspension of Activities

In the event the permittee should deem it necessary to suspend, for a period in excess of sixty (60) consecutive calendar days, the operations authorized by this permit, the permittee shall notify the Secretary, in writing, within two (2) calendar weeks of the passing of the sixtieth (60) day of the suspension period.

2.15. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege.

2.16. Severability

The provisions of this permit are severable and should any provision(s) be declared by a court of competent jurisdiction to be invalid or unenforceable, all other provisions shall remain in full force and effect.

2.17. Transferability

This permit is transferable in accordance with the requirements outlined in Section 10.1 of 45CSR13. **[45CSR§13-10.1]**

2.18. Notification Requirements

The permittee shall notify the Secretary, in writing, no later than thirty (30) calendar days after the actual startup of the operations authorized under this permit.

2.19. Credible Evidence

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defense otherwise available to the permittee including, but not limited to, any challenge to the credible evidence rule in the context of any future proceeding.

3.0. Facility-Wide Requirements

3.1. Limitations and Standards

3.1.1. **Open burning.** The open burning of refuse by any person, firm, corporation, association or public agency is prohibited except as noted in 45CSR§6-3.1.
[45CSR§6-3.1.]

3.1.2. **Open burning exemptions.** The exemptions listed in 45CSR§6-3.1 are subject to the following stipulation: Upon notification by the Secretary, no person shall cause, suffer, allow or permit any form of open burning during existing or predicted periods of atmospheric stagnation. Notification shall be made by such means as the Secretary may deem necessary and feasible.
[45CSR§6-3.2.]

3.1.3. **Asbestos.** The permittee is responsible for thoroughly inspecting the facility, or part of the facility, prior to commencement of demolition or renovation for the presence of asbestos and complying with 40 C.F.R. § 61.145, 40 C.F.R. § 61.148, and 40 C.F.R. § 61.150. The permittee, owner, or operator must notify the Secretary at least ten (10) working days prior to the commencement of any asbestos removal on the forms prescribed by the Secretary if the permittee is subject to the notification requirements of 40 C.F.R. § 61.145(b)(3)(i). The USEPA, the Division of Waste Management and the Bureau for Public Health - Environmental Health require a copy of this notice to be sent to them.
[40CFR§61.145(b) and 45CSR§34]

3.1.4. **Odor.** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor at any location occupied by the public.
[45CSR§4-3.1 State-Enforceable only.]

3.1.5. **Permanent shutdown.** A source which has not operated at least 500 hours in one 12-month period within the previous five (5) year time period may be considered permanently shutdown, unless such source can provide to the Secretary, with reasonable specificity, information to the contrary. All permits may be modified or revoked and/or reapplication or application for new permits may be required for any source determined to be permanently shutdown.
[45CSR§13-10.5.]

3.1.6. **Standby plan for reducing emissions.** When requested by the Secretary, the permittee shall prepare standby plans for reducing the emissions of air pollutants in accordance with the objectives set forth in Tables I, II, and III of 45 C.S.R. 11.
[45CSR§11-5.2.]

3.2. Monitoring Requirements

[Reserved]

3.3. Testing Requirements

3.3.1. **Stack testing.** As per provisions set forth in this permit or as otherwise required by the Secretary, in accordance with the West Virginia Code, underlying regulations, permits and orders, the permittee shall conduct test(s) to determine compliance with the emission limitations set forth in

this permit and/or established or set forth in underlying documents. The Secretary, or his duly authorized representative, may at his option witness or conduct such test(s). Should the Secretary exercise his option to conduct such test(s), the operator shall provide all necessary sampling connections and sampling ports to be located in such manner as the Secretary may require, power for test equipment and the required safety equipment, such as scaffolding, railings and ladders, to comply with generally accepted good safety practices. Such tests shall be conducted in accordance with the methods and procedures set forth in this permit or as otherwise approved or specified by the Secretary in accordance with the following:

a. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with 40 C.F.R. Parts 60, 61, and 63 in accordance with the Secretary's delegated authority and any established equivalency determination methods which are applicable. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4 or 45CSR§13-5.4 as applicable.

b. The Secretary may on a source-specific basis approve or specify additional testing or alternative testing to the test methods specified in the permit for demonstrating compliance with applicable requirements which do not involve federal delegation. In specifying or approving such alternative testing to the test methods, the Secretary, to the extent possible, shall utilize the same equivalency criteria as would be used in approving such changes under Section 3.3.1.a. of this permit. If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit may be revised in accordance with 45CSR§13-4 or 45CSR§13-5.4 as applicable.

c. All periodic tests to determine mass emission limits from or air pollutant concentrations in discharge stacks and such other tests as specified in this permit shall be conducted in accordance with an approved test protocol. Unless previously approved, such protocols shall be submitted to the Secretary in writing at least thirty (30) days prior to any testing and shall contain the information set forth by the Secretary. In addition, the permittee shall notify the Secretary at least fifteen (15) days prior to any testing so the Secretary may have the opportunity to observe such tests. This notification shall include the actual date and time during which the test will be conducted and, if appropriate, verification that the tests will fully conform to a referenced protocol previously approved by the Secretary.

d. The permittee shall submit a report of the results of the stack test within sixty (60) days of completion of the test. The test report shall provide the information necessary to document the objectives of the test and to determine whether proper procedures were used to accomplish these objectives. The report shall include the following: the certification described in paragraph 3.5.1.; a statement of compliance status, also signed by a responsible official; and, a summary of conditions which form the basis for the compliance status evaluation. The summary of conditions shall include the following:

1. The permit or rule evaluated, with the citation number and language;
2. The result of the test for each permit or rule condition; and,
3. A statement of compliance or noncompliance with each permit or rule condition.

[WV Code § 22-5-4(a)(14-15) and 45CSR13]

3.4. Recordkeeping Requirements

3.4.1. **Retention of records.** The permittee shall maintain records of all information (including monitoring data, support information, reports and notifications) required by this permit recorded in a form suitable and readily available for expeditious inspection and review. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation. The files shall be maintained for at least five (5) years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent two (2) years of data shall be maintained on site. The remaining three (3) years of data may be maintained off site, but must remain accessible within a reasonable time. Where appropriate, the permittee may maintain records electronically (on a computer, on computer floppy disks, CDs, DVDs, or magnetic tape disks), on microfilm, or on microfiche.

3.4.2. **Odors.** For the purposes of 45CSR4, the permittee shall maintain a record of all odor complaints received, any investigation performed in response to such a complaint, and any responsive action(s) taken.
[45CSR§4. *State-Enforceable only.*]

3.5. Reporting Requirements

3.5.1. **Responsible official.** Any application form, report, or compliance certification required by this permit to be submitted to the DAQ and/or USEPA shall contain a certification by the responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

3.5.2. **Confidential information.** A permittee may request confidential treatment for the submission of reporting required by this permit pursuant to the limitations and procedures of W.Va. Code § 22-5-10 and 45CSR31.

3.5.3. **Correspondence.** All notices, requests, demands, submissions and other communications required or permitted to be made to the Secretary of DEP and/or USEPA shall be made in writing and shall be deemed to have been duly given when delivered by hand, or mailed first class with postage prepaid to the address(es) set forth below or to such other person or address as the Secretary of the Department of Environmental Protection may designate:

If to the DAQ:

Director
WVDEP
Division of Air Quality
601 57th Street, SE
Charleston, WV 25304-2345

If to the USEPA:

Associate Director
Office of Air Enforcement and Compliance Assistance
(3AP20)
U. S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029

3.5.4. **Operating Fee.**

3.5.4.1. In accordance with 45CSR22 – Air Quality Management Fee Program, the permittee shall not operate nor cause to operate the permitted facility or other associated facilities on the same or contiguous sites comprising the plant without first obtaining and having in current effect a Certificate to Operate (CTO). Such Certificate to Operate (CTO) shall be renewed annually, shall be maintained on the premises for which the certificate has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

3.5.5. **Emission inventory.** At such time(s) as the Secretary may designate, the permittee herein shall prepare and submit an emission inventory for the previous year, addressing the emissions from the facility and/or process(es) authorized herein, in accordance with the emission inventory submittal requirements of the Division of Air Quality. After the initial submittal, the Secretary may, based upon the type and quantity of the pollutants emitted, establish a frequency other than on an annual basis.

4.0. Source-Specific Requirements

4.1. Limitations and Standards

4.1.1. Emissions vented to the atmosphere by Bombardiers Bridgeport facility exhaust vents shall not exceed the following rates:

Pollutants	Pounds per Hour lb/hr	Tons per Year ton/yr
PM10	3.04	12.69
VOC	34.31	27.28
Total HAPs	9.28	7.32
NOx	1.81	7.93
CO	1.43	6.26
SO2	0.03	0.07
Pollutants classified as TAPs		
Dichlorormethane	0.10	2.44
Carbon Tetrachloride	0.10	0.44
Formaldehyde	0.13	0.45
Propylene Oxide	0.10	2.44
Benzene	0.10	0.44

Compliance with the annual emission rate limits shall be determined using rolling yearly totals. A rolling yearly total shall mean the sum of the specified quantity at any given time for the previous twelve (12) consecutive calendar months.

4.1.2 Application of surface coatings in the Paint Booths shall be in accordance with the following:

a. All spray guns shall be operated and maintained so as to achieve a minimum 60.0% transfer efficiency in the application of surface coating onto any substrate.

b. The Paint Booth shall be designed, operated, and maintained so as to capture a minimum of 100% of over spray from the application of the surface coatings. Thus all exhaust fans shall be in operation with all Paint Booth doors closed while coating material is being sprayed in the Paint Booth.

c. Mat filters shall be installed, maintained, and operated so as to achieve a minimum efficiency of 99.76% in the control of particulate matter emissions.

d. At least monthly, visual inspections of the spray guns, exhaust fans, and mat filters shall be made so as to ensure the achievement of the minimum transfer/capture/control efficiencies required above. The

visual inspection shall be conducted so as to find any defect or deterioration in quality of the spray guns, exhaust fans, or mat filters that would cause or contribute to a reduction of the transfer/capture/control efficiency to below the minimums required in this section. Upon detection of a defect or deterioration in quality of any of the equipment, repair or replacement of the affected equipment shall take place prior to any further surface coating operations that utilize said affected equipment. A record of each visual inspection required above shall be maintained on site for a period of no less than five (5) years. Said record shall include, but not be limited to, the date, time, listing of equipment checked, the results of the check, what action(s), if any, was/were taken, and the name of the observer.

4.1.3 The use of surface coatings shall be in accordance with the following:

a. A material safety data sheet (MSDS) or other data sheet containing composition information for each surface coating shall be maintained on site for a period of no less than five (5) years from the date of the most recent usage and be made available to the Director of the Division of Air Quality or his/her duly authorized representative upon request.

b. Use of any surface coating containing any constituent identified in Section 112(b) of the 1990 Clean Air Act Amendments as a Hazardous Air Pollutant (HAP) and not recorded in Bombardier's December 2000 submittal of 1999 actual emissions shall be in accordance with the following:

i. The permittee shall notify the Director in writing of the new surface coating to be used and the HAP(s) contained therein within thirty (30) days of the initial use of the surface coating. Additionally, a datasheet containing composition information for the surface coating shall be supplied at this time to the Director.

ii. An estimate of emissions associated with the use of any new surface coating shall be determined and incorporated into the record keeping requirements contained herein.

iii. The permittee shall apply for a modification permit prior to the use of any HAP-containing materials if estimates predict the use of the said materials would result in an emission increase equivalent to that defined as a modification pursuant to §45-13-2.17.

c. For the purposes of this permit, surface coatings shall be defined as a material applied onto, or impregnated into, a substrate for protective, decorative, or functional purposes. Such materials include, but are not limited to, stains, thinners, solvents, sealers, varnishes, paints, primers, catalysts, acrylics, lacquers, and temporary protective coatings, or combinations of the above materials as applied.

4.1.4. The use of any surface coating, which contains toxic air pollutants (TAP) as defined by West Virginia Legislative Rule 45CSR27, Section 2.10., and not recorded in Bombardier's December, 2000 submittal of 1999 actual emissions shall be in accordance with the following:

a. The permittee shall notify the Director in writing of the surface coating to be used and the TAP(s) contained therein within thirty (30) days of the use of such surface coating. Additionally, a certified product data sheet for the surface coating shall be supplied to the Director at this time.

b. The use of the new surface coating shall be incorporated into the record keeping requirements contained herein.

c. The emission rate of TAP(s) resulting from the use of any new surface coating(s) shall not result in an increased TAP level equal to or exceeding, on a per-TAP basis, the annual limits contained in 45CSR27, Table A. Compliance with the annual emission limits shall be determined using rolling yearly totals.

45CSR27, Table A

TAP	Permitting Threshold (lb)
Acrylonitrile	500
Allyl Chloride	10,000
Arsenic Compounds (inorganic)	200
Asbestos	14
Benzene	1,000
Beryllium	0.8
1,3 Butadiene	500
Carbon Tetra chloride	1,000
Chloroform	1,000
Ethylene Dichloride	1,000
Ethylene Oxide	500
Formaldehyde	1,000
Lead or Lead Compounds	1,200
Mercury	200
Methylene Chloride	5,000
Propylene Oxide	5,000
Trichloroethylene	10,000

4.1.5 Emissions to the atmosphere from each of the two 6.5 MMBtu/hr boilers, shall not exceed the following rates:

Pollutants	lb/hr	ton/yr
NOx	0.64	2.80
CO	0.54	2,35
PM10	0.05	0.22
VOC	0.04	0.16
SO2	0.01	0.02

4.1.6 Visible Emissions from boilers #1 and #2 shall be limited to 10% opacity in accordance with 45CSR2.

4.1.7 The total annual natural gas usage for Bombardier's Bridgeport Facility shall not exceed 165.04 MM standard cubic feet.

4.1.8 Particulate emissions being vented to the atmosphere from the Dust Collector servicing the Composite Shop shall not exceed 0.01 lb/hr or 60 lb/yr.

4.1.9 Particulate emissions from vacuum sanding, sheet metal shop activities, hand sanding, and the metal shop pneumatic tools that generate and vent PM emissions inside the building shall be limited to 20% opacity in accordance with 45CSR7 at each individual building exhaust vent.

4.1.10 Particulate emissions from the wood working areas shall be vented to a cyclone. Said cyclone shall be designed, constructed, operated and maintained so as to achieve a minimum overall control efficiency of at least 85%.

4.1.11 Particulate emissions from Spray Booth SB-2 shall be controlled by a filter. Said filter shall be designed, constructed, operated and maintained so as to achieve a minimum overall control efficiency of at least 99%.

4.1.12 Particulate emissions from the glue booth shall be controlled by a filter. Said filter shall be designed, constructed, operated and maintained so as to achieve a minimum overall control efficiency of at least 99%.

4.1.13 Particulate emissions from the sanding booth shall be controlled by a filter. Said filter shall be designed, constructed, operated and maintained so as to achieve a minimum overall control efficiency of at least 99%.

4.1.14. **Operation and Maintenance of Air Pollution Control Equipment.** The permittee shall, to the extent practicable, install, maintain, and operate all pollution control equipment listed in Section 1.0 and associated monitoring equipment in a manner consistent with safety and good air pollution control practices for minimizing emissions, or comply with any more stringent limits set forth in this permit or as set forth by any State rule, Federal regulation, or alternative control plan approved by the Secretary.
[45CSR§13-5.11.]

4.2. Testing Requirements

[Reserved]

4.3. Monitoring and Recordkeeping Requirements

4.3.1. **Record of Monitoring.** The permittee shall keep records of monitoring information that include the following:

a. The date, place as defined in this permit and time of sampling or measurements;

b. The date(s) analyses were performed;

c. The company or entity that performed the analyses;

d. The analytical techniques or methods used;

e. The results of the analyses; and

f. The operating conditions existing at the time of sampling or measurement.

4.3.2. **Record of Maintenance of Air Pollution Control Equipment.** For all pollution control equipment listed in Section 1.0, the permittee shall maintain accurate records of all required pollution control equipment inspection and/or preventative maintenance procedures.

4.3.3. **Record of Malfunctions of Air Pollution Control Equipment.** For all air pollution control equipment listed in Section 1.0, the permittee shall maintain records of the occurrence and duration of any malfunction or operational shutdown of the air pollution control equipment during which excess emissions occur. For each such case, the following information shall be recorded:

a. The equipment involved.

b. Steps taken to minimize emissions during the event.

c. The duration of the event.

d. The estimated increase in emissions during the event.

For each such case associated with an equipment malfunction, the additional information shall also be recorded:

e. The cause of the malfunction.

f. Steps taken to correct the malfunction.

g. Any changes or modifications to equipment or procedures that would help prevent future recurrences of the malfunction.

4.3.4. In order to demonstrate compliance with conditions 4.1.1, 4.1.3, and 4.1.4 of this permit, Bombardier shall maintain records listing the types and amounts of all materials used as well as their resulting emissions during aerospace rework activities. An example log form was supplied as Attachment A to permit R13-2236. These material usage/emission records shall be updated on a monthly basis. In addition a monthly summary shall be generated at the end of each month, which contains the total emissions for the given month as well an updated (12) twelve month rolling total as defined in condition 4.1.1. These records shall be signed by a responsible official as defined by 45CSR13 upon request of the Director or his/her duly authorized representative. These record shall be kept on site for a period of no less than 5 years.

4.3.5 In order to demonstrate compliance with condition 4.1.7, an annual record of natural gas usage shall be maintained. These records shall be signed by a responsible official as defined by 45CSR13 upon request of the Director or his/her duly authorized representative. These record shall be kept on site for a period of no less than 5 years.

4.3.6 In order to demonstrate compliance with condition 4.1.8., Bombardier shall properly operate and maintain the dust collector/vacuum sanding system. At least monthly, visual inspections of the dust collector/vacuum sanding system's equipment and filters shall be made so as to ensure the achievement of the minimum transfer/capture/control efficiencies required by 4.1.8. The visual inspection shall be conducted so as to find any defect or deterioration in quality of the dust collector/vacuum sanding system that would cause or contribute to a reduction of the transfer/capture/control efficiency to below the minimums required in this section. Upon detection of a defect or deterioration in quality of any of the equipment, repair or replacement of the affected equipment shall take place prior to any further surface coating operations that utilize said affected equipment. A record of each visual inspection required above shall be maintained on site for a period of no less than five (5) years. Said record shall include, but not be limited to, the date, time, listing of equipment checked, the results of the check, what action(s), if any, was/were taken, and the name of the observer.

4.3.7 In order to determine compliance with conditions 4.1.11 through 4.1.13, Bombardier shall inspect all filters at least monthly and shall replace said filters no less often than manufacturers guidelines.

CERTIFICATION OF DATA ACCURACY

I, the undersigned, hereby certify that, based on information and belief formed after reasonable inquiry, all information contained in the attached _____, representing the period beginning _____ and ending _____, and any supporting documents appended hereto, is true, accurate, and complete.

Signature[1] _____ _____
(please use blue ink) Responsible Official or Authorized Representative Date

Name and Title _____ _____
(please print or type) Name Title

Telephone No. _____ Fax No. _____

---

[1] This form shall be signed by a "Responsible Official." "Responsible Official" means one of the following:

a. For a corporation: The president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:

(I) the facilities employ more than 250 persons or have a gross annual sales or expenditures exceeding $25 million (in second quarter 1980 dollars), or

(ii) the delegation of authority to such representative is approved in advance by the Director;

b. For a partnership or sole proprietorship: a general partner or the proprietor, respectively;

c. For a municipality, State, Federal, or other public entity: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of USEPA); or

d. The designated representative delegated with such authority and approved in advance by the Director.