



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov.
Center

RE: PERMIT TO INSTALL MODIFICATION
FAIRFIELD COUNTY
Application No: 01-07352

CERTIFIED MAIL

DATE: 8/24/2000

Hexcel Composites
Steve Ellery
815 Lawrence St
Lancaster, OH 43130

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

CDO



**Permit To Install
Terms and Conditions**

**Issue Date: 8/24/2000
Effective Date: 8/24/2000**

ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 01-07352

Application Number: **01-07352**
APS Premise Number: **0123010052**
Permit Fee: **\$300**
Name of Facility: **Hexcel Composites**
Person to Contact: **Steve Ellery**
Address: **815 Lawrence St
Lancaster, OH 43130**

Location of proposed air contaminant source(s) [emissions unit(s)]:
**815 Lawrence St
Lancaster, OHIO**

Description of modification:
Modification to PTI #01-07352 issued 06/03/1998 to revise maximum allowable cumulative production.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Director

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GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

PUBLIC DISCLOSURE

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The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

BEST AVAILABLE TECHNOLOGY

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for **Hexcel Composites** located in **FAIRFIELD** County. The sources listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

minimum destruction efficiency of 95 percent

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>
P008	Tower No. 4	Compliance with the permitted emission limits and applicable rules; compliance with the Ohio EPA Air Toxics Policy; Permanent total enclosure and a thermal incinerator with a minimum destruction efficiency of 95 percent	3745-31-05 3745-21-09(B)(6) 40 CFR Part 60 Subpart VVV
P002 (Modification)	Tower No. 1	Compliance with the permitted emission limits and applicable rules; use of a thermal incinerator with a minimum destruction efficiency of 95 percent	3745-31-05 3745-21-09(B)(6)
P006 (Modification)	Tower No. 3	Compliance with the permitted emission limits and applicable rules; use of a thermal incinerator with a	3745-31-05 3745-21-09(B)(6) 40 CFR Part 60 Subpart VVV

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
Permit Allowable Mass Emissions and/or Control/Usage Requirements	s; See Additional Special Terms and Conditions			
26.0 pounds VOC/hour	511 pounds VOC/day			
See Additional Special Terms and Conditions	81 percent overall control of VOC emissions; See Additional Special Terms and Conditions;			
1,000 pounds VOC/day	93.26 tons VOC/year			
81 percent overall control of VOC emission				

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SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
VOC	99.6
MEK	9.72
Any single HAP other than MEK	9.99
Total HAP	24.72

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
P006	Tower No. 3	VVV
P008	Tower No. 4	VVV

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);

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- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Air Quality Modeling and Planning
P.O. Box 1049
Columbus, OH 43216-1049

and OEPA Central District Office
3232 Alum Creek Drive
Columbus, Ohio 43207-3417

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to Central District Ohio, 3232 Alum Creek Drive, Columbus, Ohio 43207-3417.

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the OEPA Central District Office - DAPC, 3232 Alum Creek Drive, Columbus, Ohio 43207-3417.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

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AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

I. Special Terms and Conditions

The following terms and conditions are federally enforceable:

A. Operational Restrictions

1. The permanent total enclosure (PTE) associated with emissions unit P008 shall be continuously maintained in such a manner as to meet the criteria established for a PTE in Method 204 (40 CFR Pt 51) whenever the emissions unit is in operation.
2. The average combustion temperature within the thermal incinerator controlling VOC emissions from P008, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 1028 degrees Fahrenheit.
3. The average combustion temperature within the thermal incinerator controlling VOC

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emissions from P002 and P006, for any 3-hour block of time when the emissions units are in operation, shall not be less than 1465 degrees Fahrenheit.

4. The maximum annual production rate for emission units P002, P006 and P008 shall not exceed 4.8 million linear yards, based upon a rolling, 12-month summation of the production rates.
5. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the production levels specified in the following table:

<u>Month</u>	<u>Maximum Allowable Cumulative Production (yards)</u>
1	400,000
1-2	800,000
1-3	1,200,000
1-4	1,600,000
1-5	2,000,000
1-6	2,400,000
1-7	2,800,000
1-8	3,200,000
1-9	3,600,000
1-10	4,000,000
1-11	4,400,000
1-12	4,800,000

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual production rate limitation shall be based upon a rolling, 12-month summation of the production rates.

6. Emissions unit P006 shall only operate when Emissions unit P002 operates until such time as Hexcel conducts a compliance test, for emissions unit P006 operating by itself, and demonstrates compliance with the minimum destruction efficiency requirement of 95%.

B. Additional Special Terms and Conditions

1. This Air Permit To Install (PTI) supersedes PTI No. 01-2016, issued on October 4, 1989 and modified on July 25, 1990.
2. Total emissions from P002, P006, P008 and the de minimis resin mixing operations shall not exceed 4.15E-2 lb of VOC/yr, 4.05E-3 lb of MEK/yr, 4.16E-3 lb of any single HAP other than MEK/yr, and 1.03E-2 lb of Total HAP/yr.

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3. Total emissions from P002, P006, P008 and the de minimis resin mixing operations shall not exceed 99.6 tons of VOC per rolling twelve month period.
4. Total emissions from P002, P006, P008 and the de minimis resin mixing operations shall not exceed 9.72 tons of MEK per rolling twelve month period.
5. Total emissions from P002, P006, P008 and de minimis resin mixing operations shall not exceed 9.99 tons of any single HAP other than MEK per rolling twelve month period.
6. Total emissions from P002 P006, P008 and the de minimis resin mixing operations shall not exceed 24.72 tons of total HAP per rolling twelve month period
7. In the event that Hexcel decides to conduct a compliance test per A.5. above, then Hexcel shall comply with the following:

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

C. Recordkeeping

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator

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- when emissions units P002 and P006 are in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
2. The permittee shall collect and record the following information for each day for the control equipment controlling emissions from emissions units P002 and P006:
 - a. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1465 degrees Fahrenheit; and,
 - b. a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
 3. The permittee shall also operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when emission unit P008 is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.
 4. The permittee shall collect and record the following information for each day for the control equipment controlling emissions from emission unit P008:
 - a. a log of downtime for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit; and,
 - b. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1028 degrees Fahrenheit.
 5. The permittee shall collect and record the following information for the purpose of determining annual VOC emissions from emissions unit P008:
 - a. the name and identification number of each coating, applied;
 - b. the VOC content of each coating applied, in pounds per gallon or pounds of VOC per pound of coating;
 - c. the number of gallons or pounds of each coating employed;

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- d. the name and identification of each cleanup and mix adjustment material employed;
 - e. the number of gallons or pounds of each cleanup and mix adjustment material employed;
 - f. the VOC content of each cleanup and mix adjustment material, in pounds per gallon or pounds of VOC per pounds of material;
 - g. the total uncontrolled VOC emissions from all coatings, mix adjustment and cleanup materials employed, in pounds or tons; and,
 - h. the calculated, controlled VOC emission rate for all coatings, mix adjustment and cleanup materials, in pounds or tons. The controlled VOC emission rate shall be calculated using an overall control efficiency determined during the most recent emissions testing which demonstrated that the emissions unit was in compliance.
6. The permittee shall collect and record the following information for the purpose of determining annual VOC emissions from emission units P002 and P006:
- a. the time and identification number of each coating applied;
 - b. the VOC content of each coating in pounds per gallon or pounds of VOC per pounds of coating;
 - c. the number of gallons or pounds of each coating employed;
 - d. the name and identification of each cleanup and mix adjustment material employed;
 - e. the number of gallons or pounds of each cleanup and mix adjustment material employed;
 - f. the VOC content of each cleanup and mix adjustment material, in pounds per gallon or pounds of VOC per pounds of material;
 - g. the total uncontrolled VOC emissions from all coatings, mix adjustment and cleanup materials employed, in pounds or tons; and,

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- b. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1465 degrees Fahrenheit.

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

2. The permittee shall submit quarterly summaries of the following records for emissions unit P008:
 - a. a log of downtime for the capture (collection) system, control device, monitoring equipment and the associated emissions unit; and,
 - b. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1028 degrees Fahrenheit.

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

3. The permittee shall also submit annual reports which specify the total VOC emissions, total emissions of any single HAP other than MEK, total emissions of MEK and total emissions of all HAPs from emission units P002, P006, P008 and the de minimis resin mixing operations. These reports shall be submitted by January 31 of each year.
4. The permittee shall comply with the reporting requirements of 40 CFR 60, Subpart VVV, as applicable to emission units P006 and P008.
5. The permittee shall submit deviation (excursion) reports which identify all exceedances of the yearly emission limitations for VOC, total HAP, any single HAP other than MEK and any single HAP. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06).

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6. The permittee shall submit deviation (excursion) reports which identify all exceedances of the lb/yard emission limitations for VOC, total HAP, and any single HAP other than MEK and any single HAP. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06).
7. The permittee shall submit deviation (excursion) reports that identify all exceedances of the rolling, 12-month production rate limitation and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable production limits. These reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06).

E. Compliance Determination

1. Compliance with the emission limitation(s) in this permit shall be determined in accordance with the following method(s):
 - a. U.S. EPA Method 24 shall be used to determine the VOC contents for coatings and cleanup materials. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating or cleanup material, the owner or operator shall so notify the Administrator of the U.S. EPA and shall use formulation data for that coating or cleanup material to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24. Note: Method 24 data may be supplied by the coating manufacturer.
 - b. Emission unit P002

Emission Limitation

1000 lbs VOC/day and 81 percent overall control

Applicable Compliance Method

Recordkeeping requirements of sections C.1., C.2., C.6., and C.7. of these Additional Special Terms and Conditions and the most recent emissions testing

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which demonstrated that the emissions unit was in compliance.

- c. Emission unit P006

Emission Limitation

511 lbs VOC/day and 81 percent overall control

Applicable Compliance Method

Recordkeeping requirements of sections C.1., C.2., C.6., and C.7. of these Additional Special Terms and Conditions and compliance testing required by this permit.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
- a. the emission testing shall be conducted within 90 days of start up;
 - b. the emission testing shall be conducted to demonstrate compliance with 81 percent overall control requirement;
 - c. the following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): 1-4, 204A-F; and,
 - d. the test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Central District Office.

The overall control efficiency of the control equipment serving this emissions unit shall be demonstrated based upon the results of the capture efficiency specified above and a control (destruction) efficiency of 96 percent as demonstrated on October 21, 1997. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency" dated January 9, 1995. (The Ohio EPA

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will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the test and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

3. Emission unit P002 and P006

Emission Limitation

95 percent destruction efficiency

Applicable Compliance Method

Most recent emissions testing which demonstrated that the emissions units were in compliance.

4. Emission unit P008

Emission Limitation

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26 lbs VOC/hr, 100 percent capture and 95 percent destruction efficiency

Applicable Compliance Method

Recordkeeping requirements of sections C.3., C.4., C.5. and C.7. of these Additional Special Terms and Conditions and compliance testing required below.

5. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. the emission testing shall be conducted within 90 days of start up;
 - b. the emission testing shall be conducted to demonstrate compliance with the mass emission limitation for VOC, the 100 percent capture requirement and the 95 percent destruction efficiency requirement;
 - c. the following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): 1-4, 25 or 25A and 204 - 204F; and,
 - d. the test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Central District Office.

The overall control efficiency of the control equipment serving this emissions unit shall be demonstrated based upon the results of the capture efficiency and control efficiency tests specified above. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency" dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.) The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 1.a.ii above and OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the

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results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the test and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

6. Emissions units P002, P006, P008 and the de minimis resin mixing operations

a. Emission Limitation

99.6 tons VOC per rolling twelve month period,
9.72 tons MEK per rolling twelve month period,
9.99 tons any single HAP other than MEK per rolling twelve month period and
24.72 tons of total HAP per rolling twelve month period.

Applicable Compliance Method

Recordkeeping requirements of section C of these Additional Special Terms and Conditions and compliance testing required by this permit.

7. Emissions units P002, P006, P008 and the de minimis resin mixing operations

a. Emissions Limitation

4.15E-2 lbs VOC/yd, 4.05E-3 lbs MEK/yd, 4.16E-3 any single HAP other than MEK/yd, and 1.03E-2 lbs total HAP/yd.

Hexcel Composites

PTI Application: 01-07352

Modification Issued: 8/24/2000

Facility ID: **0123010052**

Applicable Compliance Method

Recordkeeping requirements of section C of these Additional Special Terms and Conditions and compliance testing required by this permit.