



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL
FRANKLIN COUNTY**

CERTIFIED MAIL

Street Address:

50 West Town Street, Suite 700

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

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 01-12193

Fac ID: 0125040238

DATE: 1/10/2008

Capital Resin Corp
Anne Tyler
324 Dering Ave
Columbus, OH 43207-2956

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 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. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA

CDO



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install

FINAL PERMIT TO INSTALL 01-12193

Application Number: 01-12193
Facility ID: 0125040238
Permit Fee: **\$375**
Name of Facility: Capital Resin Corp
Person to Contact: Anne Tyler
Address: 324 Dering Ave
Columbus, OH 43207-2956

Location of proposed air contaminant source(s) [emissions unit(s)]:

324 Dering Ave
Columbus, Ohio

Description of proposed emissions unit(s):

Reactor number 4, condenser, vacuum system, pump system, weigh tanks, cyclone, chill tank, chill tank condenser.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit 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 emissions unit(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 and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Chris Korleski
Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. 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 (i.e., postmarked) quarterly 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.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon

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the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. 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.

9. Construction of New Sources(s)

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The proposed emissions unit(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 cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(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 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 the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

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.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. 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.

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13. Source Operation and Operating Permit Requirements 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, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. 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.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
PE	0.26
OC	1.6
Formaldehyde	0.8
Methanol	0.4

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Individual HAPs	9.9
Facility-wide	
Total HAPs	24.9
Facility-wide	

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PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. Applicable Emissions Limitations and/or Control Requirements**

- The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment - (P008) - Resin reactor R-4 for resin production w/condenser, cyclone, vacuum system, pump system, and chill tank w/condenser (3,500 gallon connected to emergency containment system) Modification of PTI 01-01-08136

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	<p>Organic compound emissions shall not exceed 2.2 pounds per hour.</p> <p>Particulate emissions shall not exceed 0.1 pound per hour and 0.26 ton per year.</p> <p>See section A.2.a below.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2) and 3745-17-11(A).</p>
OAC rule 3745-15-06	See section A.2.b and A.2.d below.
OAC rule 3745-17-11(A)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-31-05(C) (synthetic minor to avoid Title V and MACT requirements)	<p>Organic compound emissions shall not exceed 1.64 tons per rolling, 12-month period.</p> <p>Formaldehyde emissions shall not exceed 0.55 pound per batch and 0.8 ton per rolling, 12-month period.</p> <p>Methanol emissions shall not exceed 0.24 pounds per batch and 0.4 ton per rolling, 12-month period.</p> <p>See A.2.a. and B below.</p> <p>See sections A.2.c and B.2 below.</p>

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OAC rule 3745-21-07(G)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
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2. Additional Terms and Conditions

- 2.a** This permit supercedes PTI 01-08136 issued April 23, 2002 and represents a net allowable increase of 0.35 ton methanol/year with no increase in allowable OC emissions.
- 2.b** The permittee shall, prior to production, ensure that this reactor is connected to an Emergency Containment System and that it is functional.

If any event causes a rupture disc to open, releasing material to the emergency containment system, all resin production shall be stabilized and no new batches will be started or restarted until any necessary repairs are made. The emergency containment system shall be drained and prepared for normal kettle operation prior to production restart.

- 2.c** Facility-wide emissions shall not exceed 99.9 tons of OC, 9.9 tons of individual hazardous air pollutant (HAP) emissions and 24.9 tons of total combined hazardous air pollutant (HAPs) emissions per rolling, 12-month period.

Facility-wide emissions shall be determined from a summation of monthly emissions from the following emission units: P004, P005, P006, P007, P008, P010, P012, P013, P014, P016, P027, P018, P019, P020, P021, P023, P024, P025, P026 and all emissions units that are exempt or permit by rule (OAC rule 3745-31-03), and de minimis (OAC rule 3745-15-05).

Therefore, the provisions for Title V permitting and the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Miscellaneous Organic Chemical Manufacturing in 40 CFR Part 63 Subpart FFFF will not be applicable.

¹A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact.

- 2.d** The permittee shall prepare and maintain a preventative maintenance and malfunction abatement plan (PMMAP), that is subject to review by the Director. The approved PMMAP shall be implemented as a condition for operation of this emission unit. and operated according to an approved.

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Emissions Unit ID: P008

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B. Operational Restrictions

1. In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable average temperature of the exhaust gases from the condenser, at any time, shall not be more than 77 degrees Fahrenheit .
2. The maximum daily production rate for this emissions unit shall not exceed the following restrictions:
 - a. 8 batches of melamine-formaldehyde resin;
 - b. 4 batches of either urea-formaldehyde resin; or
 - c. 4 batches of acetone-formaldehyde resin.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain the following monthly records on-site to document compliance with the OC emission limitation for this emissions unit and the restrictions of OC, individual HAP, and total HAPs for emission units P004, P005, P006, P007, P008, P010, P012, P013, P014, P016, P027, P018, P019, P020, P021, P023, P024, P025, P026, and any permit exempt and de minimis emissions units:
 - a. the calculated OC emissions for the current month, in pounds or tons, for each the above emissions units;
 - b. the rolling, 12-month summation of OC emissions (i.e., the OC emissions from the current month added to the summation of the OC emissions from the previous 11 months) for all the above emissions units;
 - c. the calculated individual HAP emission for the current month, in pounds or tons, for each of the above emissions units;
 - d. the calculated total combined HAP emissions for the current month, in pounds or tons, for each the above emissions units;
 - e. the rolling 12-month summation of individual HAP emission (i.e., the individual HAP emissions from the current month added to the summation of the individual HAP emissions from the previous 11 months) for all the above emissions units; and

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- f. the rolling 12-month summation of total combined HAP emissions (i.e., the total combined HAP emissions from the current month added to the summation of the total combined HAP emissions from the previous 11 months) for all the above emissions units.
2. The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder which measures and records the temperature of the exhaust gases from the condenser when the emissions unit(s) is/are in operation. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ± 1 percent of the temperature being measured or ± 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and the operating manuals. Following compliance testing, the permittee shall collect and record the following information each day the emissions unit(s) is/are in operation:
 - a. all time, when the emissions unit controlled by the condenser was in operation, during which the temperature of the exhaust gases from the condenser was more than 77 degrees Fahrenheit ; and
 - b. a log of the downtime for the capture (collection) system, condenser, and monitoring equipment when the associated emissions unit was/were in operation.

These records shall be maintained at the facility for a period of three years.

3. Whenever the monitored temperature of the exhaust gases deviates from the range/limit specified in this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:
 - a. the date and time the deviation began;
 - b. the magnitude of the deviation at that time;
 - c. the date the investigation was conducted;
 - d. the name(s) of the personnel who conducted the investigation; and
 - e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control

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equipment within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was deviation;

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- j. the exhaust gas temperature readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work. Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

The exhaust gas temperature limit is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the Ohio EPA Central District Office. The permittee may request revisions to the permitted exhaust gas temperature limit based upon information obtained during future emission tests that demonstrate compliance with the allowable VOC emission rate for the controlled emissions unit(s). In addition, approved revisions to the exhaust gas temperature limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of an administrative modification..

- 4. The permit to install for this emissions unit P008 was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Acetone

Maximum Hourly Emission Rate (lbs/hr): 2.12

TLV (mg/m3): 1,782

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 702

MAGLC (ug/m3): 42,428

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

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- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;
- b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
- c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

D. Reporting Requirements

1. In accordance with paragraph A. 2. b. of the General Terms and Conditions, the

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permittee shall submit quarterly deviation (excursion) reports of the following:

- a. all time (when the emissions unit was in operation) during which the temperature of the exhaust gases from the condenser was more than **77** degrees Fahrenheit ;
- b. any records of downtime (date and length of time) for the condenser, and/or the monitoring equipment when the emissions unit(s) was in operation;
- c. identification of any exceedance of the daily batch production restrictions specified in section B.2, above;
- d. identification of all exceedances of the rolling, 12-month formaldehyde and methanol emission limitations; and
- e. identification of all exceedances of the rolling 12-month individual and combined HAP emission limitations; and
- f. identification of identification of all exceedances of the rolling, 12-month OC emission limitation.

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.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1. shall be determined in accordance with the following methods:
 - a. Emission Limitation:
Organic compound emissions shall not exceed 2.2 pounds per hour.

Applicable Compliance Method:
The hourly allowable limitation was derived using USEPA emission master calculations and compliance will be ensured as long as the permittee maintains compliance with the operational restrictions, monitoring and record keeping requirements specified in this permit.
 - b. Emission Limitation:
Organic compound emissions shall not exceed 1.64 tons per rolling, 12-month period.

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Applicable Compliance Method:

Compliance will be ensured as long as the permittee maintains compliance with the operational restrictions, monitoring and record keeping requirements specified in this permit. The annual OC emissions may be derived using an emission factor of 2.2 lb OC/batch multiplied times the number of acetone-formaldehyde batches produced and divided by 2,000 lbs/ton.

c. Emission Limitation:

Formaldehyde emissions shall not exceed 0.55 pound per batch;

Applicable Compliance Method:

The emission limitation for formaldehyde was derived from formulation data using batch act equations from USEPA 450/R-94-020 February 1994 document for melamine-formaldehyde production. The validity of the emission factor was demonstrated by emission testing during melamine-formaldehyde resin production on March 12, 2003.

d. Formaldehyde emissions shall not exceed 0.8 ton per rolling, 12-month period;

Applicable Compliance Method:

Compliance will be ensured as long as the permittee maintains compliance with the operational restrictions, monitoring and record keeping requirements specified in this permit. The annual formaldehyde emissions may be demonstrated by multiplying an emission factor of 0.55 lb formaldehyde/batch times the number of melamine-formaldehyde batches produced and dividing by 2,000 lbs/ton.

e. Emission Limitation:

Methanol emissions shall not exceed 0.24 pounds per batch.

Applicable Compliance Method:

This emission limitation for methanol was derived from emission test data collected by USEPA Method 308 testing during melamine-formaldehyde resin production on March 12, 2003. If required, the permittee may demonstrate compliance with this emission factor through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 308.

f. Emission Limitation:

Methanol emissions shall not exceed 0.4 ton per rolling, 12-month period.

Emissions Unit ID: P008

Applicable Compliance Method:

Compliance will be ensured as long as the permittee maintains compliance with the operational restrictions, monitoring and record keeping requirements specified in this permit. The annual methanol emissions may be demonstrated by multiplying an emission factor of 0.24 lb methanol/batch times the number of melamine formaldehyde batches produced and dividing by 2,000 lbs/ton.

- g. Emission Limitation:
Particulate emissions shall not exceed 0.1 pound per hour.

Applicable Compliance Method:

Compliance is based on emission calculations submitted with the permit application for melamine charge during resin production.

- h. Emission Limitations:
Particulate emissions shall not exceed 0.26 ton per year.

Applicable Compliance Method:

Compliance shall be determined by batch restrictions and record keeping specified in Section C.1.: $0.18 \text{ lb/batch} * 8 \text{ batches/day} * 31 \text{ days} * 12 \text{ months} *$
 $1 \text{ ton}/2,000 \text{ lb} = 0.26 \text{ ton}$

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- i. Emission Limitations
The facility-wide individual and combined HAP emissions shall not exceed 9.9 tons and 24.9 tons per rolling, 12-month period, respectively.

Applicable Compliance Method:

Compliance with the facility-wide HAP emission limitations shall be demonstrated by the record keeping requirements specified in section C.1 above.

F. Miscellaneous Requirements

1. The following terms and conditions of this permit are federally enforceable: A., B., C.1.-C.3., D., and E.