

SUPPLEMENT TO PERMIT NO. 113-97

Crown Vantage
Port Huron, Michigan

August 20, 1998

GENERAL CONDITIONS

1. Rule 201(1) - The process or process equipment covered by this permit shall not be reconstructed, relocated, altered, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule.
2. Rule 201(4) - If the installation, reconstruction, relocation, or alteration of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the person to whom this permit was issued, or the designated authorized agent, shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, P.O. Box 30260, Lansing, Michigan 48909, if it is decided not to pursue the installation, reconstruction, relocation, or alteration of the equipment allowed by this Permit to Install.
3. Rule 201(6)(a) - If this Permit to Install is issued for a process or process equipment located at a stationary source which is subject to a Renewable Operating Permit pursuant to Rule 210, trial operation is allowed if the equipment performs in accordance with the terms and conditions of this Permit to Install and until the appropriate terms and conditions of this Permit to Install have been incorporated into the Renewable Operating Permit as a modification pursuant to Rule 216 or upon renewal pursuant to Rule 217. Upon incorporation of the appropriate terms and conditions into the Renewable Operating Permit, this Permit to Install shall become void.
4. Rules 201(6)(b)(i) or 216(1)(a)(v)(A) - Except as provided in General Condition No. 3, operation of the process or process equipment is allowed if, not more than 30 days after completion of the installation, construction, reconstruction, relocation, alteration, or modification authorized by this Permit to Install, the person to whom this Permit to Install was issued, or the authorized agent pursuant to Rule 204, notifies the District Supervisor, Air Quality Division, in writing, of the completion of the activity. Completion of the installation, construction, reconstruction, relocation, alteration, or modification is considered to occur not later than commencement of trial operation of the process or process equipment.
5. Rule 201(6)(b)(ii) - Except as provided in General Condition No. 3, not more than 18 months after completion of the installation, construction, reconstruction, relocation, alteration, or modification authorized by this Permit to Install, the person to whom this permit was issued, or the authorized agent pursuant to Rule 204, shall notify the District Supervisor, Air Quality Division, in writing, of the status of compliance of the process or process equipment with the terms and conditions of the Permit to Install. The notification shall include all of the following:
 - A. The results of all testing, monitoring, and recordkeeping performed to determine the actual emissions from the process or process equipment and to demonstrate compliance with the terms and conditions of the Permit to Install.
 - B. A schedule of compliance for the process or process equipment as described in Rule 119(a).

- C. A statement, signed by the person owning or operating the process or process equipment, that, based on information and belief formed after reasonable inquiry, the statements and information in the notification are true, accurate, and complete.
6. Rule 201(7) and Section 5510 of Act 451, P.A. 1994 - The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Departments' rules or the Clean Air Act.
 7. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to Rule 219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required in Rule 219(1)(a), (b) and (c). The written request shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality.
 8. Rule 901 - Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property.
 9. Rule 912 - The owner or operator of a source, process, or process equipment shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant in excess of standards for more than one hour, or of any air contaminant in excess of standards for more than two hours, as required in this rule, to the District Supervisor, Air Quality Division. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the District Supervisor within 10 days, with the information required in this rule.
 10. Approval of this permit does not exempt the person to whom this permit was issued from complying with any future regulations which may be promulgated under Part 55 of Act 451, P.A. 1994.
 11. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
 12. Operation of this equipment may be subject to other requirements of Part 55 of Act 451, P.A. 1994, and the rules promulgated thereunder.

SPECIAL CONDITIONS

13. The volatile organic compound (VOC) emission rate from the four paper machines hereinafter "process" shall not exceed 61.0 tons per year based upon a 12-month rolling time period as determined at the end of each calendar month.

14. The VOC emission rate from any one of the four paper machines shall not exceed 40.0 pounds per hour.
15. Visible emissions from the process shall not exceed a 6-minute period of 0% opacity.
16. Rules 1001, 1003 and 1004 - Verification of VOC emission rates from the process by testing, at owner's expense, in accordance with Department requirements, may be required for operating approval. Verification of emission rates includes the submittal of a complete report of the test results. If a test is required, stack testing procedures and the location of stack testing ports must have prior approval by the District Supervisor, Air Quality Division, and results shall be submitted within 120 days of the written requirement for such verification.
17. Applicant shall keep a separate record for each of the following for the process:
 - A. Monthly record of each VOC containing materials used in process:
 1. The identification and category for each material.
 2. The VOC content in pounds per gallon (minus water) as received and as applied for each material.
 3. The amount in gallons of each material used.
 - B. Monthly record of hours of operation for each paper machine.
 - C. Monthly record of purchase orders and invoices for all VOC containing materials.
 - D. Monthly VOC emission calculation.
 - E. Monthly VOC emission calculations determining a 12-month rolling time period emission rate in tons per year.
 - F. Monthly grease repellent usage and release agent usage in gallons determining a 12-month rolling time period.

All such records shall be kept on file for a period of at least five years and made available to the Air Quality Division upon request.
18. The VOC content of any material used in the process as applied and as received shall be determined using federal Reference Test Method 24. Upon prior approval of the District Supervisor, Air Quality Division, VOC content may alternatively be determined from manufacturer's formulation data.

19. The disposal of collected waste materials used in the process shall be performed in a manner which minimizes the introduction of air contaminants to the outer air.
20. The exhaust gases from the process shall be discharged unobstructed vertically upwards to the ambient air from stacks with the maximum diameters specified in Table 1 and at an exit point not less than specified in Table 1 above ground level.

Table 1- Process Stack Heights and Dimensions

Stack I.D.	Stack Identification	Stack Height (feet)	Stack Dimensions (inches)
01-3A	No. 1 Yankee Hood Exhaust	57	50 x 33
01-8	No. 1 Size Press Dryer Cans	37	36
01-4A	No. 3 After Dryer Hood Exhaust	56	40
01-7	No. 2 After Dryer Hood Exhaust	52	36
01-13	No. 2 Yankee Hood Exhaust	73	40
29-8	No.3 Yankee Hood Exhaust	58	40
33-12	No. 4 Yankee Hood Exhaust	44	48 x 36
33-16	No. 4 Coater Dryer Hood Exhaust	38	18 x 12

21. The applicant shall not exceed a maximum grease repellent agent usage of 34,000 gallons in a 12-month rolling time period in all four paper machine processes.
22. The applicant shall not exceed a maximum release agent usage of 11,000 gallons in a 12-month rolling time period in all four paper machine processes.
23. The hazardous air pollutants (HAP) as defined pursuant to section 112(b) of the Clean Air Act, shall not exceed 8.9 tons per year for any individual HAP or 22.4 tons per year for any combination of HAPs at this facility. This annual limit shall be based upon a 12-month rolling time period as determined at the end of each calendar month.
24. Applicant shall keep a separate record for each of the operations in the facility:
 - A. For HAPs containing materials, record the following on a monthly basis:
 1. The identification of each chemical used in the facility.
 2. The contents in pounds per gallon of each HAPs and total HAPs.

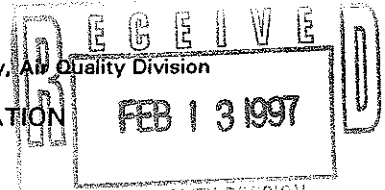
- B. Monthly record of purchase orders and invoices be maintained for all HAPs containing materials.
- C. Monthly calculations of the following for all HAPs:
 - 1. Emission rate for each HAP in tons per month by operation.
 - 2. Aggregate HAPs emission rate in tons per month for all operations at the facility.
 - 3. A 12-month rolling time period emission rate in tons per year.

This information shall be kept on file for a period of at least five years and made available to the Air Quality Division and/or United States Environmental Protection Agency staff upon request.

LW
Fred

AIR USE PERMIT APPLICATION

FEB 13 1997



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FOR DEQ USE ONLY
APPLICATION NUMBER 113-97

FOR AUTHORITY TO INSTALL, CONSTRUCT, RECONSTRUCT, RELOCATE OR ALTER AND OPERATE PROCESS FUEL-BURNING OR REFUSE-BURNING EQUIPMENT AND/OR CONTROL EQUIPMENT (PERMITS TO INSTALL AND OPERATE ARE REQUIRED BY ADMINISTRATIVE RULES PURSUANT TO ACT 348, P.A. 1965, AS AMENDED).

AIR QUALITY DIVISION

Please type or print clearly. For further instructions, see the reverse side of this form, or contact the Air Quality Division at: 517/373-7023.

1. APPLICANT NAME: (Business License Name of Corporation, Partnership, Individual Owner, Government Agency) CROWN VANTAGE		FEB 06 1997	
2. APPLICANT ADDRESS: (Number and Street) 218 RIVERVIEW STREET		PERMIT SECTION	
CITY: (City or Village) PORT HURON		STATE: MI	ZIP CODE: 48060
3. EQUIPMENT OR PROCESS LOCATION: (Number and Street) 218 RIVERVIEW STREET		COUNTY: ST. CLAIR	
CITY: (City or Village) PORT HURON		ZIP CODE: 48060	
4. GENERAL NATURE OF BUSINESS: PAPERMAKING			
5. EQUIPMENT OR PROCESS DESCRIPTION: (Attach additional sheets, if necessary. Include Source Classification Codes [SCC]). REVISE EXISTING PERMIT TO RESTRICT FACILITY-WIDE HAZARDOUS AIR POLLUTANT (HAP) EMISSIONS BELOW MAJOR SOURCE THRESHOLDS. THIS REQUEST IS FOR THE PURPOSE OF BECOMING A SYNTHETIC MINOR. PROCESS AFFECTED: PERMIT NO. 150-96 FOR 4 PAPER MACHINES NO EQUIPMENT MODIFICATIONS ARE BEING REQUESTED.			
6. FACILITY CODES: Standard Industrial Classification (SIC) Code: 2621		State Registration (Emission Inventory) No.: A6218	
7. ACTION AND TIMING: (Enter dates for those which apply)		ESTIMATED STARTING DATE	ESTIMATED COMPLETION DATE
Installation, construction, reconstruction or alteration:		N/A	N/A
Relocation:			
Change of Ownership:			
8. NAME OF PRIOR OWNER, IF ANY: James River		PRIOR AIR USE PERMIT NUMBER, IF ANY 150-96	
9. OWNER/AUTHORIZED FIRM MEMBER CERTIFICATION:			
PRINTED OR TYPED NAME: James R. Scohy		TITLE: Resident Manager	PHONE NUMBER: (Include Area Code) (810) 985-3138
SIGNATURE: <i>James R. Scohy</i>		DATE: 1/31/97	
10. CONTACT PERSON NAME: (If different than name in item 9) LAUREN STEELE, FISHBECK, THOMPSON, CARR & HUBER, INC. (FTC&H)		PHONE NUMBER: (Include Area Code) (616) 676-2666	
FOR DEQ USE ONLY. DO NOT WRITE BELOW.			
11. DISPOSITION OF APPLICATION:			
Date of receipt of all information required by Rule 203:	6/9/98		
Date permit to install approved: *	8/20/98	Signature: <i>William McLenore</i>	
Date permit to operate approved: *		Signature:	
Date application/permit voided:		Signature:	
Date application/permit denied:		Signature:	

*Subject to compliance with all Commission Rules and Conditions stipulated in the attached supplement.