MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY AIR QUALITY DIVISION

August 4, 2009

PERMIT TO INSTALL

No. 395-96A

ISSUED TO

French Paper Company

LOCATED AT

100 French Street Niles, Michigan 49120

IN THE COUNTY OF

Berrien

STATE REGISTRATION NUMBER

B4238

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environmental Quality. This permit is hereby issued in accordance with and subject to Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Pursuant to Air Pollution Control Rule 336.1201(1), this permit constitutes the permittee's authority to install the identified emission unit(s) in accordance with all administrative rules of the Department and the attached conditions. Operation of the emission unit(s) identified in this Permit to Install is allowed pursuant to Rule 336.1201(6).

DATE OF RECEIPT OF ALL INFORMATION REQUIRED BY RULE 203: 3/19/2009			
DATE PERMIT TO INSTALL APPROVED: 8/4/2009	SIGNATURE:		
DATE PERMIT VOIDED:	SIGNATURE:		
DATE PERMIT REVOKED:	SIGNATURE:		

PERMIT TO INSTALL

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Common Abbreviations / Acronyms

AQD Air Quality Division ANSI American National Standards Institute BACT Best Available Control Technology CAA Clean Air Act CEM Continuous Emission Monitoring CFR Code of Federal Regulations COM Continuous Opacity Monitoring EPA Environmental Protection Agency EU Emission Unit FG Flexible Group GACS Gallon of Applied Coating Solids GC General Condition HAP Hazardous Air Pollutant HYLP High Volume Low Pressure * ID Identification LAER Lowest Achievable Emission Rate MACT Maximum Achievable Control Technology MAERS Michigan Department of Environmental Quality MIOSHA MSDS Material Safety Data Sheet NESHAP NSPN New Source Performance Standards NSR New Source Review PS Performance Specification PSD Prevention of Significant Deterioration PTE Permit to Install RACT Reasonably Available Control Technology ROP Renewable Operating Permit SC Special Condition FI HOUR POUND Grain Merer PC Carbon Monoxide Oc Carbon Monoxide Oc Carbon Monoxide Oc Corbon Monoxide Oc Corbon Monoxide Oc Corbon Monoxide Oc Corbon Monoxide Oc Dry standard cubic foot dscm Dry standard cubic foot dscm Dry standard cubic foot Odscm Dry standard cubic feet Orb	Common Acronyms			Pollutant/Measurement Abbreviations		
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^{*} For High Volume Low Pressure (HVLP) applicators, the pressure measured at the HVLP gun air cap shall not exceed ten (10) pounds per square inch gauge (psig).

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GENERAL CONDITIONS

- 1. The process or process equipment covered by this permit shall not be reconstructed, relocated, 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. (R 336.1201(1))
- 2. If the installation, construction, reconstruction, relocation, or modification 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 permittee 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, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. (R 336.1201(4))
- 3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to R 336.1210, operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. (R 336.1201(6)(b))
- 4. 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 Department's rules or the Clean Air Act. (R 336.1201(8), Section 5510 of Act 451, PA 1994)
- 5. The AQD District Supervisor shall be notified, in writing, of a change in ownership or operational control of the stationary source or emission unit(s) authorized by this Permit to Install pursuant to R 336.1219. The notification shall include all of the information required by R 336.1219(1)(a) and (b). In addition, a new owner or operator must submit a written statement pursuant to R 336.1219(1)(c), agreeing to and accepting the terms and conditions of this Permit to Install, and shall notify the AQD District Supervisor of any change in the contact person for this Permit to Install. (R 336.1219)
- 6. 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. (R 336.1901)
- 7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. 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 Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal conditions or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). (R 336.1912)
- 8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.
- 9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
- 10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.

- 11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of R 336.1301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with R 336.1303. (R 336.1301)
 - a) A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
 - b) A visible emission limit specified by an applicable federal new source performance standard.
 - c) A visible emission limit specified as a condition of this Permit to Install.
- 12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in R 336.1370(2). (R 336.1370)
- 13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001. (R 336.2001)

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SPECIAL CONDITIONS

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Installation Date / Modification Date	Flexible Group ID
EU-GASBOILER	Natural gas and distillate oil fired boiler with a rated heat release of approximately 69 million BTU's per hour.	*	NA
Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed			

Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1290.

The following conditions apply to: EU-GASBOILER

<u>DESCRIPTION</u>: Natural gas and distillate oil fired boiler with a rated heat release of approximately 69 million BTU's per hour.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT:

NΑ

I. EMISSION LIMITS

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. SO ₂	0.055 lb/MMBtu	Test Protocol	EU-GASBOILER	General Condition 13,	R 336.1205(3)
2. SO ₂	3.50 pph	Monthly averaging period	EU-GASBOILER	Special Condition VI.1	R 336.1205(3)
3. NO _x	0.145 lb/MMBtu	Test Protocol	EU-GASBOILER	General Condition 13,	R 336.1205(3)
4. NO _x	9.9 pph	Monthly averaging period	EU-GASBOILER	Special Condition VI.1	R 336.1205(3)

II. MATERIAL LIMITS

Material	Limit	Time Period / Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
 Sulfur content 	0.05% by weight	Instantaneous	EU-GASBOILER	Special	R 336.1205(3)
of distillate oil				Condition VI.1	
Distillate Oil	493 gallons per	Monthly	EU-GASBOILER	Special	R 336.1205(3)
	hour	averaging period		Condition VI.1	

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III. PROCESS/OPERATIONAL RESTRICTIONS

NA

IV. DESIGN/EQUIPMENT PARAMETERS

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. (R 336.1201(3))

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. (R 336.1201(3))

- 1. The permittee shall maintain the following records:
 - · The amount of distillate oil used (gallons) on a daily basis, whenever the boiler is being operated.
 - The amount of natural gas used (cubic feet) on a daily basis, whenever the boiler is being operated.
 - Calculations of the hourly NO_x and SO₂ emission rates. For purposes of calculating emissions, either emission factors from AP-42 or MAERS may be used if emission testing data for EU-GASBOILER is not available. In the event that testing is required for EU-GASBOILER, the results of that testing will be used to show compliance with the hourly emission limits in lieu of AP-42 or MAERS emission factors. The hourly emission rates shall be determined by using a monthly averaging period (or less).
 - · Operating hours of the boiler, as determined on a monthly basis.
 - The permittee shall keep, in a satisfactory manner, fuel supplier certification records for each delivery of the diesel fuel oil. Such certifications shall include the sulfur content of the fuel (expressed as either parts per million or percent by weight).

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Diameter/Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SV-GASBOILER	96	200	R 336.2803, R 336.2804, 40 CFR 52.21(c) & (d)

IX. OTHER REQUIREMENTS

- 1. The permittee shall not operate the existing coal fired boiler. (R 336.1201(3))
- 2. Visible emissions from EU-GASBOILER shall not exceed a six-minute average of 10 percent opacity. (R 336.1301)