State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
WAYNE COUNTY

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: 02-22967
Fac ID: 0285000468
DATE: 3/25/2008

Cabinet Specialties, Inc.
Robert Weaver
10738 Criswell Rd.
Fredericksburg, OH 44627

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

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

CC: **USEPA** **NEDO**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install	**Issue Date: 3/25/2008**
Terms and Conditions	**Effective Date: 3/25/2008**

FINAL PERMIT TO INSTALL 02-22967

Application Number:	02-22967
Facility ID:	0285000468
Permit Fee:	**$400**
Name of Facility:	Cabinet Specialties, Inc.
Person to Contact:	Robert Weaver
Address:	10738 Criswell Rd. Fredericksburg, OH 44627

Location of proposed air contaminant source(s) [emissions unit(s)]:
10738 Criswell Rd.
Fredericksburg, **Ohio**

Description of proposed emissions unit(s):
Stationary diesel engine.

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

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)

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.

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

Pollutant	Tons Per Year
NOx	16.61
Sox	0.31
CO	20.59
PM-10	0.98
HC	2.35

Issued: 3/25/2008

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. 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 - (P003) - 187 KW (244 HP) SDMO stationary diesel gen/set with John Deere Model 6068HF275-187

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	3.79 lbs/hr and 16.61 TPY NOx See A.2.f below.
OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR 60, Subpart IIII.
OAC rule 3745-17-07(A)	20% opacity, as a six-minute average, except as provided by rule
40 CFR 60, Subpart IIII	See A.2.a, A.2.b, A.2.c, A.2.d and A.2.e below.

2. Additional Terms and Conditions

2.a Nitrogen oxide (NOx) emissions shall not exceed 9.2 g/KW-hr.

2.b Hydrocarbon (HC) emissions shall not exceed 1.3 g/KW-hr.

2.c Carbon monoxide (CO) emissions shall not exceed 11.4 g/KW-hr.

2.d Particulate (PM) emissions shall not exceed 0.54 g/KW-hr.

2.e Diesel fuel must meet the following nonroad, locomotive and marine fuel quality requirements:

Beginning October 1, 2007 -500 ppm maximum sulfur content
-either minimum cetane index of 40 or maximum aromatic content of 35 volume percent

Beginning October 1, 2010	-15 ppm maximum sulfur content -either minimum cetane index of 40 or maximum aromatic content of 35 volume percent

2.f The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the uncontrolled OC (as HC), CO, PM and SO2 emissions from this air contaminant source since the potential to emit for OC, CO, PM and SO2 is less than ten tons per year.

B. Operational Restrictions

1. The emissions unit must be operated and maintained according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. The permittee may only change those settings that are permitted by the manufacturer.

C. Monitoring and/or Recordkeeping Requirements

1. For each shipment of diesel fuel received for burning in this emissions unit, the permittee shall retain documentation that the fuel meets the requirements for non-road, locomotive and marine fuel in 40 CFR 80.510. and section A.2.e above.

2. The permittee shall maintain an operations log that documents all maintenance conducted on the engine.

3. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

   a. the color of the emissions;
   b. whether the emissions are representative of normal operations;
   c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
   d. the total duration of any visible emission incident; and
   e. any corrective actions taken to minimize or eliminate the visible emissions.

   If visible emissions are present, a visible emission incident has occurred. The observer

does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

4. The permittee shall retain a copy of the initial notification required in section D.1 on site and made available to the director or a representative upon request.

5. The permittee shall retain documentation that the engine meets the short term emissions standards on site and made available to the director or a representative upon request. This documentation includes the CARB certification for the 2005 model year for this same engine family.

D. Reporting Requirements

1. The permittee shall furnish to US EPA, Region V and the Ohio EPA, Northeast District Office a written initial notification that contains:

   a. the name and address of the owner or operator;
   b. the address of the emissions unit;
   c. the engine information including make, model, engine family, serial number, model year, maximum engine power and engine displacement;
   d. the date construction of the emissions unit commenced;
   e. emissions control equipment; and
   f. fuel used.

   The notification shall be postmarked no later than 30 days after such date.

2. The permittee shall submit annual written reports that:

   a. identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit;

   b. describe the cause of the emissions and any corrective actions taken to minimize or eliminate the visible particulate emissions;

c. identify any record which shows the fuel did not meet the requirements for non-road, locomotive and marine fuel; and

d. states that the engine was operated and maintained according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer.

These reports shall be submitted to the Director (Ohio EPA Northeast District Office) by January 31 of each year and shall cover the previous calendar year.

3. The permittee shall notify the director (Ohio EPA, Northeast District Office) in writing of any record which shows the fuel did not meet the requirements for non-road, locomotive and marine fuel. The notification shall include a copy of such record and shall be sent to the director (the Ohio EPA, Northeast District Office) within 45 days after the deviation occurs.

4. The reports contained in this permit shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A of this permit.

E. Testing Requirements

1. Compliance with the emission limitations specified in section A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:
Nitrogen oxide (NOx) emissions shall not exceed 9.2 g/KW-hr and 3.79 pounds per hour.

Applicable Compliance Method:
Compliance shall be demonstrated by the California Air Resources Board Executive Order U-R-004-0207 which certifies the emissions of nitrogen oxide and non-methane hydrocarbon at 5.9 g/KW-hr.

Compliance with the hourly emission limitation above shall be determined by multiplying 5.9 g/KW-hr times 187 KW, the standby power output rating of this unit and dividing by 453.59 gram per pound.

b. Emission Limitation:
Nitrogen oxide (NOx) emissions shall not exceed 16.61 tons per year.

Applicable Compliance Method:
Compliance with the hourly emission limitation above shall be determined by multiplying 5.9 g/KW-hr by 187 KW, the standby power output rating of this unit, and by the maximum hours of operation per year (8760) and dividing by 453.59 gram per pound and 2000 pounds per ton.

c. Emission Limitation:
Hydrocarbon (HC) emissions shall not exceed 1.3 g/KW-hr.

Applicable Compliance Method:
Compliance shall be demonstrated by the California Air Resources Board Executive Order U-R-004-0207 which certifies the emissions of nitrogen oxide and non-methane hydrocarbon at 5.9 g/KW-hr and the combined HMHC+NOx CARB standard is 6.6 g/KW-hr.

d. Emission Limitation:
Carbon monoxide (CO) emissions shall not exceed 11.4 g/KW-hr.

Applicable Compliance Method:
Compliance shall be demonstrated by the California Air Resources Board Executive Order U-R-004-0207 which certifies the emissions of carbon monoxide and non-methane hydrocarbon at 0.6 g/KW-hr.

e. Emission Limitation:
Particulate emissions (PE) shall not exceed 0.54 g/KW-hr.

Applicable Compliance Method:
Compliance shall be demonstrated by the California Air Resources Board Executive Order U-R-004-0207 which certifies the emissions of particulate emissions at 0.18 g/KW-hr.

f. Emission Limitation:
Visible particulate emissions from the stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method:
If required, compliance with the visible particulate emission limitation shall be demonstrated based upon the visible emission observations performed in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Method 9.

F. Miscellaneous Requirements

None