



State of Ohio Environmental Protection Agency

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

**CERTIFIED MAIL**

Street Address:

122 S. Front Street

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

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 13-04159**

**DATE:** 5/22/2003

Macs Convenience Stores No. 5448/DM  
Kevin Merritt  
315 Common Mall  
Columbus, IN 47201

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 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,

Michael W. Ahern, Supervisor  
Field Operations and Permit Section  
Division of Air Pollution Control

cc: CLAA



**Permit To Install  
Terms and Conditions**

**Issue Date: 5/22/2003  
Effective Date: 5/22/2003**

**FINAL PERMIT TO INSTALL 13-04159**

Application Number: 13-04159  
APS Premise Number: 1318007054  
Permit Fee: **\$150**  
Name of Facility: Macs Convenience Stores No. 5448/DM  
Person to Contact: Kevin Merritt  
Address: 315 Common Mall  
Columbus, IN 47201

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**3510 Fulton Road  
Cleveland, Ohio**

Description of proposed emissions unit(s):  
**Gasoline dispensing facility with Stage I and Stage II vapor control -- G001.**

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

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 record keeping 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 record keeping 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 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.)

#### **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.

**Macs Convenience Stores No. 5448/DM**  
**PTI Application: 13-04159**  
**Issued: 5/22/2003**

**Facility ID: 1318007054**

**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>
OC	0.90

**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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/ Control Measures</u>
G001 - Gasoline dispensing facility with stage II vapor control system	OAC Rule 3745-31-05(A)(3)	0.90 ton organic compounds (OC)/year  The requirements of this rule also include compliance with the requirements of OAC Rules 3745-21-09(R) and 21-09(DDD).
Gasoline storage tanks: one (1) 10,000-gallons, one (1) 8,000-gallons, and one (1) 6,000-gallons underground storage tanks	OAC Rule 3745-21-09(R)	Stage I vapor control - 90% control efficiency for volatile organic compounds (VOCs) and use of submerged fill
Gasoline dispensing operation: five (5) nozzles, Stage II vapor recovery	OAC Rule 3745-21-09(DDD)	Stage II vapor control - 95% control efficiency for VOCs

**2. Additional Terms and Conditions**

- 2.a Pursuant to OAC rule 3745-21-09 (DDD)(1)(b), the Stage II vapor control system shall be installed, operated, and maintained in accordance with the applicable certification granted by the California Air Resources Board (CARB) as described in Part II, Section F below.

Any figures or exhibits identified in this permit are available from the appropriate Ohio EPA District Office or local air agency upon request.

- 2.b** See Appendix A of this permit for Healy Systems Monitor Log and instructions.

## **B. Operational Restrictions**

- 1.** The permittee shall comply with the following operational restrictions for the Stage I vapor control system:
  - a. The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline.
  - b. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.
  - c. There shall be no leaks in the vapor lines or liquid lines during the transfer of gasoline.
  - d. The transfer of gasoline from a delivery vessel to a stationary storage tank shall be conducted by use of submerged fill into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank.
  - e. All fill caps shall be "in place" and clamped during normal storage conditions.
  - f. The permittee shall repair within 15 days any leak from the vapor balance system or vapor control system which is employed to meet the requirements of paragraph (R)(1) of OAC rule 3745-21-09 when such leak is equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.
  
- 2.** The permittee shall comply with the following operational restrictions for the Stage II vapor control system:
  - a. The vapor control system shall be installed, operated and maintained in accordance with the manufacturer's specifications and the applicable certification granted by the CARB, and shall be free of the following defects:
    - i. Any component, that is required to be employed at all times pursuant to the system certification granted by the CARB, is absent or disconnected.

- ii. A vapor hose is crimped or flattened such that the vapor passage is blocked, or the pressure drop through the vapor hose exceeds by a factor of two or more the requirements in the certification granted by the CARB.
  - iii. A vacuum producing device is inoperative or malfunctioning.
  - iv. Pressure/vacuum relief valves, vapor check valves, or dry breaks are inoperative.
  - v. Any vapor recovery equipment is leaking liquid gasoline or gasoline vapors.
  - vi. Any other equipment defect identified in the CARB certification as one which substantially impairs the effectiveness of the vapor control system.
- b. The vapor control system must have successfully passed the testing requirements contained in paragraph (DDD)(2) of OAC rule 3745-21-09. These testing requirements are also specified in Part II, Section E and Part II, Section F.8.
  - c. Operating instructions for the vapor control system shall be conspicuously posted in each gasoline dispensing area. The operating instructions shall clearly describe how to properly fuel motor vehicles and shall specifically prohibit the topping off of the motor vehicle fuel tank.

### **C. Monitoring and/or Record keeping Requirements**

1. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:
  - a. Date of inspection.
  - b. Findings (may indicate no leaks discovered or location, nature, and severity of each leak).
  - c. Leak determination method.
  - d. Corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days).
  - e. Inspector's name and signature.
2. The permittee shall maintain records of the following information:

- a. The quantity of gasoline delivered to the facility during each calendar month.
- b. The results of any tests performed pursuant to the testing requirements specified in this permit.
- c. A log of the date and description of all repair and maintenance work performed (including, but not limited to, work performed to meet manufacturer's specifications or CARB certification requirements), or any other modifications made to the vapor control system.
- d. A copy of the most recent permit to operate application (including appendix) submitted to the Ohio EPA.
- e. A copy of the most recent permit to operate issued by the Ohio EPA.
- f. Proof of attendance and completion of the training required by the Ohio EPA for the operator or local manager of the gasoline dispensing facility.
- g. Copies of all completed post test inspection forms.

#### **D. Reporting Requirements**

1. Any leak from the vapor balance system or vapor control system that is not repaired within 15 days after identification shall be reported to the Director within 30 days after the repair is completed.
2. A comprehensive written report on the results of any tests performed in accordance with the requirements of this permit shall be submitted within 30 days following the completion of the tests.

#### **E. Testing Requirements**

1. The Stage II vapor control system must successfully meet all requirements regarding testing contained in OAC rule 3745-21-09(DDD)(2). In accordance with the test procedures listed in OAC rule 3745-21-10, the following tests shall be performed: static leak test and dynamic pressure performance test.

At intervals not to exceed five (5) years, the permittee shall repeat and demonstrate compliance with the static leak test requirements contained in OAC rule 3745-21-10, Appendix A (unless a greater frequency is specified in the applicable CARB certification), and the dynamic pressure performance test requirements contained in OAC rule 3745-21-10, Appendix B (unless the

dynamic pressure performance test is not applicable to the specific Stage II vapor control system, as specified in the applicable CARB certification).

Not later than thirty (30) days prior to any required tests, the permittee shall submit a test notification to the appropriate Ohio EPA District Office or local air agency.

The test notification shall describe the proposed test methods and procedures, the time and the date of the tests, and the person who will be conducting the tests. Failure to submit such notification prior to the tests may result in the Ohio EPA's refusal to accept the results of the tests. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the tests, examine the testing equipment, and acquire data and information during the tests. After completion of any tests, the permittee shall complete and retain on site a copy of the post test inspection form contained in OAC rule 3745-21-10, Appendix C.

2. Compliance with the annual organic compound (OC) emission limit in Section A.1. of these terms and conditions shall be calculated as the sum of the OC emissions from all gasoline storage tank filling and dispensing operations at the gasoline dispensing facility (unless otherwise exempted pursuant to OAC rule 3745-31-03). This calculation shall be based on the annual gasoline throughput for the facility using the calculation and emission factors below.
  - a. Emission Limitation: 0.90 ton OC/year.
  - b. Applicable Compliance Method: multiply the appropriate emission factor below by the gallons of gasoline dispensed per year and divide by 2000 lbs/ton. Repeat this calculation for each material dispensed at the facility and sum the results to yield the total annual OC emission rate.

(Emission rates (factors) are expressed in pounds (lbs) of organic compounds per 1000 gallons of gasoline throughput. Emission factors are for VOC as well as total organic compound (OC) emissions, because the methane and ethane content of gasoline is negligible.)

- i. Emission factors for gasoline storage tank filling and dispensing operations:
  - (a) Gasoline dispensing facility has submerged tank filling with Stage I vapor control for gasoline storage tanks and Stage II vapor control for vehicle refueling: OC emission factor = 3.1 lbs OC/1000 gallons.

(Gasoline emission factors are from USEPA publication AP-42, Fifth Edition, Table 5.2-7)

**F. Miscellaneous Requirements**

1. The Healy Model 600 Vacuum Assist Stage II vapor recovery system employed at this facility, including all associated underground and aboveground plumbing, shall be installed, operated, and maintained in accordance with CARB Executive Order G-70-165, CARB Approval Letters 97-06 and 97-20, and associated manufacturer's specifications, which include, but are not limited to, the requirements contained within this Section.
2. The permittee shall comply with the following design and installation specifications from CARB Executive Order G-70-165 and CARB Approval Letters 97-06 and 97-20 and associated manufacturer's specifications:
  - a. The equipment approved for use with the Healy Vacuum Assist system is specified in Exhibit 1 of Executive Order G-70-165. Other equipment may not be used unless approved by CARB for use with the Healy vacuum assist system.
  - b. The maximum length of the coaxial hose shall be thirteen (13) feet, and the maximum allowable length of hose which may be in contact with the top of the island block, or ground, shall be six (6) inches per loop.
  - c. Each vent pipe shall be equipped with a CARB certified pressure/vacuum relief valve. Plumbing may be manifolded to reduce the number of relief valves needed. The vent manifold may be used as an alternative to an underground manifold only in existing installations where vapor piping is already installed.
  - d. The settings of the pressure/vacuum relief valve(s) shall be as follows:
    - i. Pressure: Three (3.0) +/- one-half (0.5) inches of water column
    - ii. Vacuum: Eight (8.0) +/- two (2.0) inches of water column
  - e. Breakaway couplings are optional but, if installed, only certified break away with a valve which closes the vapor path when separated may be used.
  - f. A Healy 6280 System Monitor shall be installed and wired such that no dispensing can occur unless the monitor is ON and operational. (This feature will ensure the monitor is detecting and recording any failures. It is not intended to terminate dispensing of gasoline at the site.)
  - g. The system monitor shall be located in an area that is visible to station personnel while at

their common workplace.

- h. A threaded tap of least 1/4" in diameter shall be provided on the inlet side of the central vacuum unit. The tap shall remain plugged and vapor tight except when test equipment is being connected or removed.
  - i. A valve (such as a ball valve) shall be installed in the vapor return line such that the lines can be isolate from the underground storage tanks for the purpose of conducted the test in Exhibit 4 of G-70-165. The valve shall remain open at all times except when the test is being conducted. No product shall be dispensed when this valve is closed.
  - j. The permittee shall provide OSHA acceptable access to the central vacuum unit for inspection and testing.
  - k. Coaxial Stage I vapor recovery systems shall not be installed with new installations or replacement installations of Stage I or Stage II vapor recovery systems. Existing coaxial Stage I systems may be used with new installations of the Healy Model 600 Vacuum Assist Stage II vapor recovery system if all of the following are met:
    - i. The existing coaxial Stage I system is a poppeted, CARB certified system
    - ii. The installation of the Stage II system requires no modification of the underground storage tank(s) and/or connections.
    - iii. The existing coaxial Stage I equipment is in good working order and has demonstrated compliance with Static Leak Test criteria when tested with all fill caps removed.
3. The permittee shall comply with the following operational restrictions from CARB Executive Order G-70-165:
- a. The Healy Vacuum Assist Stage II system shall be maintained in accordance with the System Operating Manual approved by CARB. Any alteration of the equipment, parts, design, or operation of the system is prohibited unless approved by CARB.
  - b. The maximum dispensing rate shall not exceed ten (10.0) gallons per minute (gpm). Compliance with this condition shall be verified with only one nozzle in operation per product supply pump.
  - c. A vapor guard shall be installed on the nozzle as shown in Figure 2C of G-70-165. Any nozzle with a vapor guard which is missing, or which is damaged such that a slot from the

outer edge of the open end flange to the spout anchor clamp, or which has equivalent cumulative damage, is defective and shall be removed from service.

- d. Vapor collection holes in the nozzle spout shall remain unblocked. Any nozzle that has fewer than four unblocked holes is defective and shall be immediately removed from service.
- e. The Healy 600 nozzle has an integral vapor valve which prevents the loss of vapor from the underground storage tanks, ensures proper operation of the system and prevents the ingestion of air into the system. Any nozzle with a defective vapor valve shall be immediately removed from service.
- f. The normal operating range for vacuum levels is 65" to 85" of water column. Based on the performance curves for each pump (central vacuum unit), the maximum number of fueling points which can be operated simultaneously within the normal operating range of vacuum levels is as follows:

<u>Central Vacuum Unit</u>	<u>Maximum Number of Simultaneous Fueling Points</u>
Model 2000C Blower (1 hp)	9
Thomas Industries VP500 Vane Pump (1/2 hp)	5
9000 Mini Jet Pump	4

- g. No gasoline dispensing shall be allowed when the central vacuum unit is disabled for maintenance or for any other reason.
4. The permittee shall comply with the following performance specification from CARB Executive Order G-70-165:

The air-to-liquid ratio (A/L) shall be within 1.10 plus or minus 0.10 (1.00 to 1.20) when tested in accordance with an A/L test procedure adopted by the Ohio EPA.

5. The permittee shall comply with the following monitored requirements in accordance with CARB certification of the Healy 6280 System Monitor and the manufacturer's specification:
- a. The Healy 6280 System Monitor shall sound an audible alarm for any of the following system failures:

- i. Excess Vent Failure - vapor venting for more than 10 cumulative hours within a calendar day.
    - ii. Vacuum Failure - three consecutive occurrences of vacuum not reaching a minimum 65" water column within 15 seconds of vacuum source start up.
    - iii. No Vacuum Failure - vacuum not reaching a minimum 65" water column within one hour of vacuum start.
  - b. The RESET button may be used to silence the alarm, but it will continue to resound every four hours until the cause has been corrected.
6. The permittee shall comply with the following record keeping requirements in accordance with CARB certification of the Healy 6280 System Monitor and the manufacturer's specifications.

The permittee shall maintain a daily log of all alarm events and corresponding maintenance actions. This log shall be kept on site at all times and shall contain at minimum, the following information:

- a. Date and time of alarm(s)
- b. Type of alarm(s)
- c. Date and time of call for maintenance
- d. Date maintenance performed
- e. Maintenance performed

Attached is a Healy Systems Monitor Log (monthly sheet) and instructions for recording daily information on alarm events, maintenance calls, and maintenance performed.

7. The permittee shall comply with the following reporting requirements in accordance with CARB certification of the Healy 6280 System Monitor and the manufacturer's specifications.
- a. The station owner/operator shall call for maintenance within 24 hours of the initial alarm sounding.
  - b. If repairs are not made within 72 hours, the owner/operator shall immediately notify in

writing the Cleveland Division of Air Quality (Cleveland DAQ) regarding the malfunctioning vapor recovery system. This notification shall include the following information:

- i. Date and time of the initial alarm and description of the problem that caused the alarm.
  - ii. Reason why repair cannot be completely made within 72 hours of the initial alarm.
  - iii. Estimated gallons of gasoline to be dispensed from time of initial alarm until repair can be completed.
8. The permittee shall comply with the following testing requirements from CARB Executive Order G-70-165:
- a. The "Static Pressure Integrity Test" and the "Vapor Return Line Vacuum Integrity Test for the Healy Model 600 System" contained in CARB Executive Order G-70-165 Exhibits 3 and 4, respectively, shall be successfully conducted at least once in each twelve consecutive month period. The Cleveland DAQ shall be notified at least 30 days prior to conducting these annual tests. Test results shall be submitted to the Cleveland DAQ within 30 days after testing is completed.
  - b. In accordance with CARB Executive G-70-165, the dynamic pressure performance test specified under the testing requirements of OAC rule 3745-21-09 (DDD)(2) and contained in OAC rule 3745-21-10, Appendix B is not applicable to the Healy Model 600 Vacuum Assist System.

Appendix A

DAY	FAILURE		ALARM TYPE		TIME OF ALARM	DATE/TIME MAINTENANCE CALLED	DATE MAINTENANCE PERFORMED	DESCRIPTION OF MAINTENANCE PERFORMED <i>(use back of form if necessary)</i>	INITIALS
	Y	N	Vent	Vac					
1	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
2	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
3	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
4	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
5	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
6	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
7	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
8	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
9	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
10	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
11	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
12	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
13	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
14	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
15	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
16	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
17	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
18	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
19	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
20	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
21	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					
22	Y	N	<input type="checkbox"/>	<input type="checkbox"/>					

23	Y	N	<input type="checkbox"/>	<input type="checkbox"/>				
24	Y	N	<input type="checkbox"/>	<input type="checkbox"/>				
25	Y	N	<input type="checkbox"/>	<input type="checkbox"/>				
26	Y	N	<input type="checkbox"/>	<input type="checkbox"/>				
27	Y	N	<input type="checkbox"/>	<input type="checkbox"/>				
28	Y	N	<input type="checkbox"/>	<input type="checkbox"/>				
29	Y	N	<input type="checkbox"/>	<input type="checkbox"/>				
30	Y	N	<input type="checkbox"/>	<input type="checkbox"/>				
31	Y	N	<input type="checkbox"/>	<input type="checkbox"/>				

**INSTRUCTIONS FOR HEALY SYSTEMS MONITOR LOG SHEET**

1. Enter the facility name and address on the log sheet. Indicate the month and year.
2. Locate the Healy Monitor. Maintain the monitor as to the paper supply and the printing ribbon to insure printing capability.
3. **RECORD THE FOLLOWING INFORMATION EVERY DAY:**
  - a. Circle Y(yes) or N(no) as to whether any failures occurred in the calendar day. If no failures occurred this is all you have to record for that day.
4. **RECORD THE FOLLOWING INFORMATION IF A FAILURE HAS OCCURRED:**
  - a. Check box for type of Alarm (failure) and record time. At the bottom of the daily report printed by the Healy Vent Monitor this information can be found.
  - b. Date and time that maintenance was called as result of the alarm.
  - c. Date that which maintenance was performed to correct failure.
  - d. Description of maintenance necessary to correct failure. If necessary use the back of the log sheet to complete this information.
5. **IMPORTANT!**
  - a. The station owner/operator shall call for maintenance within 24 hours of the initial alarm

sounding.

- b. An alarm condition shall be reported to Cleveland Division of Air Quality CDAQ immediately by phone 216-441-7442 or fax 216-420-8047.
- c. If repairs are not made within 72 hours the owner/operator shall immediately notify in writing CDAQ of the alarm condition. This notification will include the following information:
  - 1. Date and time of initial alarm and description of the problem that caused the alarm;
  - 2. Reason why repair cannot be completed within 72 hours of the initial alarm; and
  - 3. Estimated gallons of gasoline to be dispensed from time of initial alarm until repair is completed.
- d. Keep Healy Monitor printouts for one year.

**NEW SOURCE REVIEW FORM B**

PTI Number: 13-04159 Facility ID: 1318007054

FACILITY NAME Macs Convenience Stores No. 5448/DM

FACILITY DESCRIPTION Gasoline dispensing facility with Stage I and Stage II vapor control -- G001. CITY/TWP Cleveland

SIC CODE 5541 SCC CODE 4-06-003-06 EMISSIONS UNIT ID G001

EMISSIONS UNIT DESCRIPTION gasoline dispensing facility

DATE INSTALLED May, 1980

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds	attainment		0.45		0.90
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Stage I and II vapor recovery systems and use of submerged fill. The basis for determination is BAT used on similar sources.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? no

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? not applicable

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to containinants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED\*? YES xxx NO

xxx

IDENTIFY THE AIR CONTAMINANTS: