



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

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

Lazarus Gov.
Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL
LUCAS COUNTY
Application No: 04-00500

DATE: 2/19/2002

Sunoco, Inc.
Elaine Moore
1819 Woodville Rd
Oregon, OH 43616

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

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,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

TDES



**Permit To Install
Terms and Conditions**

**Issue Date: 2/19/2002
Effective Date: 2/19/2002**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 04-00500

Application Number: **04-00500**
APS Premise Number: **0448010246**
Permit Fee: **\$0**
Name of Facility: **Sunoco, Inc. Moore**
Person to Contact: **Elaine Moore**
Address: **1819 Woodville Rd
Oregon, OH 43616**

Location of proposed air contaminant source(s) [emissions unit(s)]:
**1819 Woodville Rd.
Oregon, OHIO**

Description of modification:
250 mmBtu per hour heater.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Sunoco, Inc.

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GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(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 are inadequate or cannot meet applicable standards.

If the construction of the proposed source(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 Ohio Administrative Code (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 applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

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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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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.

PERMIT TO OPERATE APPLICATION AND OPERATION AFTER COMPLETION OF CONSTRUCTION

If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 thirty (30) days after commencing operation of the source(s) covered by this permit.

SOURCE OPERATION 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 and regulations.

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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Sunoco, Inc.** located in **LUCAS** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
B051	250 MMBtu/hr heater	Low NO _x burner & compliance w/ 40 CFR 60 Subpart J	3745-31-05	1.86 lb/hr PM 6.60 lb/hr SO ₂ 1.35 lb/hr VOC 30.00 lb/hr NO _x 20.59 lb/hr CO

SUMMARY**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
PM	8.16
SO ₂	28.90
VOC	5.90
NO _x	131.40
CO	90.18

This condition in no way limits the applicability of any other state or federal regulation.

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APPLICABILITY

This Permit to Install is applicable only to the air contaminant sources listed and does not include the installation or modification of wastewater disposal systems or solid waste disposal facilities. Separate application must be made to the Director for the installation or modification of any such wastewater disposal systems or solid waste disposal facilities.

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NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
B051	250 MMBtu/hr heater	Subpart J

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
 DAPC - Permit Management Unit
 P.O. Box 1049
 Columbus, OH 43216-1049

and Toledo Environmental Services Division
 348 S. Erie Street
 Toledo, Ohio 43602

PERFORMANCE TEST REQUIREMENTS

The permittee shall conduct, or have conducted, performance testing on the air contaminant source(s) in accordance with procedures approved by the Agency. Two copies of the written report describing the test procedures followed and the results of such tests shall be submitted and signed by the person responsible for the test. The Director, or an Ohio EPA representative, shall be allowed to witness the test, examine testing equipment, and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the performance of the control equipment.

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- A. A completed Intent to Test form shall be submitted to the appropriate Ohio EPA District Office or Local Air Pollution Control Agency where the original permit application was filed. This notice shall be made 30 days in advance and shall specify the source operating parameters, the proposed test procedures, and the time, date, place and person(s) conducting such tests.
- B. Two copies of the test results shall be submitted within 30 days after the completion of the performance test.
- C. Tests shall be performed for the following source(s) and pollutant(s):

<u>Source</u>	<u>Pollutant(s)</u>
B051	NOx, SO₂, CO, TSP

MONITORING REQUIREMENTS

A **hydrogen sulfide** monitor shall be installed on the **B001** . The monitoring equipment shall be installed and maintained in accordance with the applicable portions of 40 CFR part 60.105 requirements.

Within 30 days after the installation of the continuous monitoring and recording equipment, this facility shall conduct a performance specification test of such equipment pursuant to Section 3704.03(I) of the Ohio Revised Code and 40 CFR Part 60, Appendix B, Performance Specification Test 1. Personnel from the Ohio EPA field office shall be permitted to witness the performance specification test, and two copies of the test results shall be submitted to the Ohio EPA field office within 45 days after the test is completed.

Pursuant to 40 CFR Parts 60.7 and 60.13(h), this facility shall submit reports on a quarterly basis to the Ohio EPA field office documenting all instances of opacity values in excess of the limitations specified in OAC rule 3745-17-07 or any limitations specified in the terms and conditions of this permit. These quarterly excess emission reports shall be submitted by February 1, May 1, August 1, and November 1 of each year and shall cover the data obtained during the previous calendar quarters.

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

PERMIT TO OPERATE APPLICATION

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A Permit to Operate Application and a \$15 application fee must be submitted to the appropriate field office for each source, in this Permit to Install. In accordance with OAC rule 3745-35-02, the application shall be made at least ninety days prior to start-up of the source.

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.

MALFUNCTION/ABATEMENT

This source and its associated air pollution control system (s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

In accordance with OAC rule 3745-15-06, any malfunction of the source (s) or associated air pollution control system (s) shall be reported immediately to the Toledo Environmental Services, Division. Except as provided by OAC rule 3745-15-06 (A)(3), scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution sources.

ADDITIONAL SPECIAL TERMS AND CONDITIONS**Total Facility Contemporaneous Emissions Increase/(Decrease)**

N/A			
(10/12/89)			
(H-301, 109.6 MMBtu/hr RFG & #2 oil fired heater)		(11.01 Part.) (132.47 SO ₂) (1.52 HC)	(219.08 NO _x) (16.00 CO)
04-500	10/12/89	250 MMBtu/hr RFG & Nat gas fired heater	8.16 PM 28.90 SO ₂ 5.90 VOC 131.40 NO _x 90.18 CO
04-494	07/25/88	1000 gal. fixed roof, horizontal cylindrical antiform storage tank	1.19 HC

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04-480	06/27/88	252,000 gal. IFR, MTBE tank, 3,000 gal. fixed roof drewchlor tank & 60,000 gal. BLL IFR, SWS feed tank	2.72 HC
	05/05/89		
04-478	07/15/88	Nonene railcar loading facility	0.0 HC
04-468			05/01/88
1,100 gal. fixed roof inhibitor storage tank	negligible HC	04-467	07/01/89
80,000 gal. BBL storage tank	1.16 HC		
04-420	06/15/88	68 MMBtu/hr RFG fired heater	1.6 Part. 8.4 SO ₂ 35.8 NO _x
04-419	10/01/87	Nonene production facilities 13,000 BBL & 10,000 BBL nonene storage tanks	8.53 HC
04-415	03/15/87	Mercaptan Injection facilities	0.01 HC
04-405	03/15/87	1000 gal. mercaptan tank, 10,000 gal. MFA tank, MFA additive facilities	1.56 HC

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04-389	04/01/87	7000 gal. gasoline additive storage tank	Negligible HC
04-382	11/02/87	Gasoline Blending facilities, 500 gal. & 800 gal. gasoline storage tanks	9.91 HC
04-365	12/15/86	Plant 4 FCC gasoline treater (170 tons/hr max. cap.)	1.03 HC
04-304	11/25/85	4 LTG storage tanks (2000 BBL each)	4.38 HC
04-303	11/25/85	Plant 4 gas processing unit modification	26.73 HC
04-302	11/25/85	LTG railcar loading	1.30 HC
N/A	(10/07/85)	Old Plant 4 equipment	(50.75 HC)
04-286	08/05/85	Plant 5 vacuum tower evacuation system	2.31 HC
04-255	01/01/85	AFH process	7.01 HC

The net contemporaneous emissions increase is:

21.97 tons per year of hydrocarbons
 -1.25 tons per year of particulate matter
 -95.17 tons per year of sulfur dioxide
 -51.88 tons per year of nitrogen oxides
 80.18 tons per year of carbon monoxide

This facility shall maintain records for all permanently shut-down sources including the contemporaneous

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emissions decrease in the Special Terms and Conditions above. Such records shall be maintained until such time as the sources are physically removed from the facility and shall include the following information for each source: type of equipment (i.e., type III valve), location, description, and shutdown date.