



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
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Columbus, OH 43215

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P.O. Box 1049
Columbus, OH 43216-1049

RE: **FINAL PERMIT TO INSTALL MODIFICATION CERTIFIED MAIL**

LAKE COUNTY
Application No: 02-10115

	TOXIC REVIEW
	PSD
	SYNTHETIC MINOR
	CEMS
	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

DATE: 1/25/2001

Lubrizol Corporation
Greg Taylor
29400 Lakeland Blvd
Wickliffe, OH 440922298

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
Lake County Health Dept.

NEDO



FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 02-00115

Application Number: **02-10115**APS Premise Number: **0243150025**Permit Fee: **\$400**Name of Facility: **Lubrizol Corporation**Person to Contact: **Greg Taylor**Address: **29400 Lakeland Blvd
Wickliffe, OH 440922298**Location of proposed air contaminant source(s) [emissions unit(s)]:
**29400 Lakeland Blvd
Wickliffe, OHIO**

Description of modification:

Modification of PTI 02-0115, issued 4/14/96 to change allowable mass emissions of CO from 0.035 lb/MMBTU to 0.084 lb/MMBTU & total allowable emissions from 5.22 TPY to 12.5 TPY.

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

Lubrizol Corporation

PTI Application: 02-10115

Modification Issued: 1/25/2001

Facility ID: **0243150025**

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.

Lubrizol Corporation

PTI Application: 02-10115

Modification Issued: 1/25/2001

Facility ID: **0243150025**

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.

Lubrizol CorporationFacility ID: **0243150025****PTI Application: 02-10115****Modification Issued: 1/25/2001****AIR EMISSION SUMMARY**

The air contaminant emissions units listed below comprise the Permit to Install for **Lubrizol Corporation** located in **LAKE** 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>
B005	A 17 MMBTU/hr natural gas fired water heater (North) (BL-09-08A/SR)	Use of natural gas; good engineering and maintenance practices	3745-31-05 3745-17-10 NSPS 40 CFR, Part 60, Subpart Dc 3745-23-06 3745-21-08	.02 lb/MMBTU TSP .0006 lb/MMBTU SO ₂ .14 lb/MMBTU NO _x .084 lb/MMBTU CO
B006	A 17 MMBTU/hr natural gas fired water heater (South) (BL-09-08A/SR)	Use of natural gas; good engineering and maintenance practices	3745-31-05 3745-17-10 NSPS 40 CFR, Part 60, Subpart Dc 3745-23-06 3745-21-08	.02 lb/MMBTU TSP .0006 lb/MMBTU SO ₂ .14 lb/MMBTU NO _x .084 lb/MMBTU CO

SUMMARY**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
TSP	2 (1.49) = 2.98
NO _x	2 (10.42) = 20.84
CO	2 (6.25) = 12.5
SO ₂	2 (.05) = .1

Lubrizol CorporationFacility ID: **0243150025****PTI Application: 02-10115****Modification Issued: 1/25/2001****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>
B005	17 MMBTU/hr natural gas fired water heaters	Dc
B006	17 MMBTU/hr natural gas fired water heaters	Dc

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 - Air Quality Modeling and Planning
P.O. Box 1049
Columbus, OH 43216-1049

and OEPA Northeast District Office - DAPC
2110 East Aurora Road
Twinsburg, Ohio 44087

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

Lubrizol Corporation

PTI Application: 02-10115

Modification Issued: 1/25/2001

Facility ID: **0243150025**

ADDITIONAL SPECIAL TERMS AND CONDITIONS

The two 17 MMBTU/hr natural gas fired water heaters covered by this permit at the Lubrizol Corporation in Wickliffe, Ohio are subject to the Federal New Source Performance Standard, 40 CFR Part 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

The Lubrizol Corporation shall submit notification of the date of construction or reconstruction anticipated startup, and actual startup, as provided by Section 60.7 of the above mentioned part. This notification shall include:

The design heat input capacity of the affected emission unit and identification of fuels to be combusted in that emission unit.

The Lubrizol Corporation shall combust only natural gas in these water heaters.

The Lubrizol Corporation shall record and maintain records of the amounts of natural gas combusted during each month to verify that the only fuel used is natural gas. All records required under this permit shall be maintained by the owner or operator of this facility for a period of two (2) years following the date of such record.

The Lubrizol Corporation may perform the above monthly record keeping in lieu of the daily requirement listed in 40 CFR, Part 60, Subpart 60.48(c)(g) pursuant to authority in 40 CFR 60.13(i) and a USEPA Memorandum entitled Request for Determination Regarding the Daily Fuel Usage Monitoring Requirements in 40 CFR Part 60, Subpart Dc-Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. February 20, 1992.