



Facility Name SUN OIL CO, OF PA,  
 Facility Address St. Rt. #7, So. of Matamoras  
Street  
Grandview Washington 45767  
City, Village, or Township County Zip

Person to Contact G. A. Bruce  
 Mailing Address P.O. Box #186  
Street  
New Matamoras Ohio 45767  
City State Zip

Premise Number 01 84 00 0132

Telephone 614 865-3456  
Area Code Number

SOURCE NUMBER	TYPE CODE	DATE RECEIVED	PERSON TO CONTACT (If different from above)	INITIAL STATUS		REVISIONS TO STATUS AND TYPE							
				STATUS CODE	EFFECTIVE DATE	CODE	EFFECTIVE DATE	CODE	EFFECTIVE DATE	CODE	EFFECTIVE DATE		
<del>P 001</del>	<del>1</del>	<del>3/26/73</del>	<del>DELETED</del>										
T 001	1	"	"										
T 002	1	"	"										
<del>T 003</del>	<del>2</del>	<del>5/14/73</del>											
T 003	2	5/14/73		T	1/14/73								

**Prefix for Source Numbers:**  
 B — Boiler      N — Incinerator  
 P — Process     C — Control Equipment  
 R — Spray Booth   S — Stack  
 T — Storage Tank

**Type Codes:**  
 1 — Operate  
 2 — Construct or Modify  
 3 — Variance

**Status Codes:**  
 A — Approved  
 D — Denied  
 R — In Review  
 F — On File  
 T

NOTICE OF REGISTRATION

TO:  
SUN OIL CO, OF PA,  
ST. RT, #7, SO. OF MATAMORAS  
GRANDVIEW

OHIO 45767

WITHDRAWN  
JUN 28 1976

FOR:

APPLICATION NO	<u>0684000132 1003</u>
EQUIPMENT DESCRIPTION	20,000 BBL. FLOATING ROOF STORAGE TANK
COMPANY ID	20,000 BBL. STORAGE TANK
ISSUE DATE	05/21/76
EFFECTIVE DATE	07/05/76

(SEE ENCLOSED LETTER FOR EXPLANATION)

*Ned E. Williams*

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NED E. WILLIAMS, P.E.,  
DIRECTOR

TO:  
SUN OIL CO, OF PA,  
ST. RT. #7, SO, OF MATAMORAS  
GRANDVIEW

OHIO 45767

FOR:

APPLICATION NO	0684000132 T003
EQUIPMENT DESCRIPTION	20,000 BBL. FLOATING ROOF STORAGE TANK
COMPANY ID	20,000 BBL. STORAGE TANK
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(SEE ENCLOSED LETTER FOR EXPLANATION)

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NED E. WILLIAMS, P.E.  
DIRECTOR

FOR OFFICIAL USE ONLY

Premise No. 01/84/00/0132  
Source No. F1003

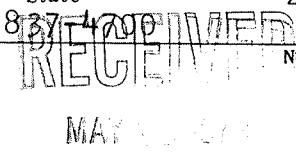
# APPLICATION FOR PERMIT STORAGE TANKS

1. Facility Name SUN OIL COMPANY OF PENNA. Person to Contact J. D. Lancaster

Facility Address STATE ROUTE 7 Mailing Address P. O. Box 39

NEW MATAMORAS <sup>Street</sup> (Ohio) Wash. 45767 Greensburg Penna. 15601  
City, Village or Township County Zip City State Zip

Telephone 412 837-4200  
Area Code Number



2. This Application is submitted for:
- Permit to operate an existing source
  - Permit to construct a new source or modify an existing source
  - Variance from regulation(s) \_\_\_\_\_ for \_\_\_\_\_ months

3. Check-list of information to accompany this application:
- Plans and drawings
  - Process flow diagram
  - Construction schedule
  - Emission tests or calculations
  - Compliance time schedule
  - Additional information

4. Tank identification: Name or number \_\_\_\_\_ Year installed 1973-1974

5. Material stored in tank: Trade name (Attach composition) Gasoline Grade Regular  
Producer Sun Oil Co. of Penna. density 6.1 lbs/gal or \_\_\_\_\_ °API

If material stored in tank is **not** photochemically reactive do not complete the remaining questions.

6. Tank capacity: 20,000 bbl. (Indicate units)  
7. Tank shape:  Spherical  Cylindrical  Rectangular  Other, specify \_\_\_\_\_

8. Tank dimensions: Diameter 60' Height 40' Length \_\_\_\_\_ Width \_\_\_\_\_

9. Tank material of construction:  Steel  Wood  Other, specify \_\_\_\_\_

10. Tank paint:  Chalking white  Lt. grey/blue  Aluminum  Dark color  Other, specify \_\_\_\_\_

11. Type of tank: (Check all applicable)
- Fixed roof  Floating roof  Pressure  Variable vapor space  Open top
  - Heated  Insulated  Underground  Other, specify \_\_\_\_\_

12. If the tank has floating roof, complete the following:

Type of roof:  Double deck  Pontoon  Other, specify Steel Floating Pan

Type of seal:  Single  Double  Other, specify \_\_\_\_\_

Type of shell construction:  Riveted  Welded  Other, specify \_\_\_\_\_

13. If other type of roof or cover, describe Covered Floater

14. Maximum filling rate: gal/min. 2,000

15. Type of filling:  Splash  Submerged

16. Filling schedule: gal/day 100,000 bi-weekly

17. Average outage: Feet 21 Tank throughput: gal/yr. 2,610,000

18. Temperature of stored materials: Minimum 28 °F Maximum 82 °F

19. Vapor pressure of stored materials: 9 - 15 psia @ 100 °F

20. Vent valve data: Not Applicable

Type	Number	Pressure of Vent Setting	Vacuum Setting	Discharging to:		
				Atmosphere	Vapor Control	Flare
Combination						
Pressure						
Vacuum						
Open						

NA 21. Check types of vapor control (if applicable):  Adsorber  Absorber  Compression  Cooling

Loading facilities for Tank-Truck, Trailer or Railroad car

22. Maximum capacity of facility: gallons per day 190,000

23. Vapor loss during loading discharged to:  Atmosphere  Fuel Gas system  Vapor recovery system  
Efficiency of Recovery System Not Applicable

Submerged loading by drop tubes. The

**Important Note:** If emissions from this source have been determined by source tests, material balances or emission factors, include such data and supporting calculations with application.



0184000132/T003

This 20000 bbl. Floating Roof Storage Tank has been built prior to approval of Application For Permit to Construct. This application will be ignored and charged to an Application For Permit to operate.

1/14/74

Tjus

OHIO ENVIRONMENTAL PROTECTION AGENCY

COMPLIANCE UNDERSTANDING TO ACCOMPANY APPLICATION FOR PERMIT TO CONSTRUCT  
OR MODIFY AN AIR CONTAMINANT SOURCE

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NOTE: This form constitutes part of an application for a permit to construct or modify an air contaminant source, and must be read carefully, signed, and submitted to the Director before such application can be considered complete.

This form constitutes part of the application of

RECEIVED

SUN OIL COMPANY OF PENNSYLVANIA

MAY 1 1973

(Name of source owner)

for a permit to construct or modify the following air contaminant source, (describe air contaminant source for which application is made):

1 - 20,000 bbl. Covered Floating Roof Gasoline Storage Tank

I hereby certify that I am the individual responsible, under Regulation AP-9-02(b)(3) of the Ohio Environmental Protection Agency, for the submission of this application on behalf of the above-named source owner.

I understand that if this application is granted, and a permit to construct or modify is issued, it shall not constitute assurance by the Ohio Environmental Protection Agency that the air contaminant source described herein will be able to operate in compliance with application law, or that such source will, upon completion of construction or modification, be granted a permit to operate.

I further understand that no new or modified air contaminant source may be placed in operation until it has applied for and obtained from the Director either a permit to operate or a conditional permit to operate pursuant to the requirements of AP-9-03.

Signature of authorized official

Stewart W. Nyström

Name and title of authorized official

Stewart W. Nyström, Manager  
Central Region Marketing  
Facilities and Distribution

Address 3530 Bigelow Boulevard

Pittsburgh, Penna. 15213

Date May 4, 1973

(This part of the application need not be signed by the contractor performing the construction or modification).

AP-PS-10

11/15/72



OHIO ENVIRONMENTAL PROTECTION AGENCY

CONSTRUCTION SCHEDULE

To Accompany Application For Permit-To-Construct  
Or Modify An Air Contaminant Source

RECEIVED

MAY 1 1973

This Form Constitutes Part Of The Application Of:

FACILITY NAME: SUN OIL COMPANY OF PENNSYLVANIA

ADDRESS: State Rt. 7, New Matamoras (Washington Co.), Ohio 45767

For A Permit-To-Construct Or Modify The Following Air Contaminant Source:

IDENTIFICATION: Gasoline Storage Tank

DESCRIPTION: 20,000 bbl. Covered Floating Roof

The Construction Or Modification Of The Above Air Contaminant Source  
Will Follow The Time Schedule Described Below:

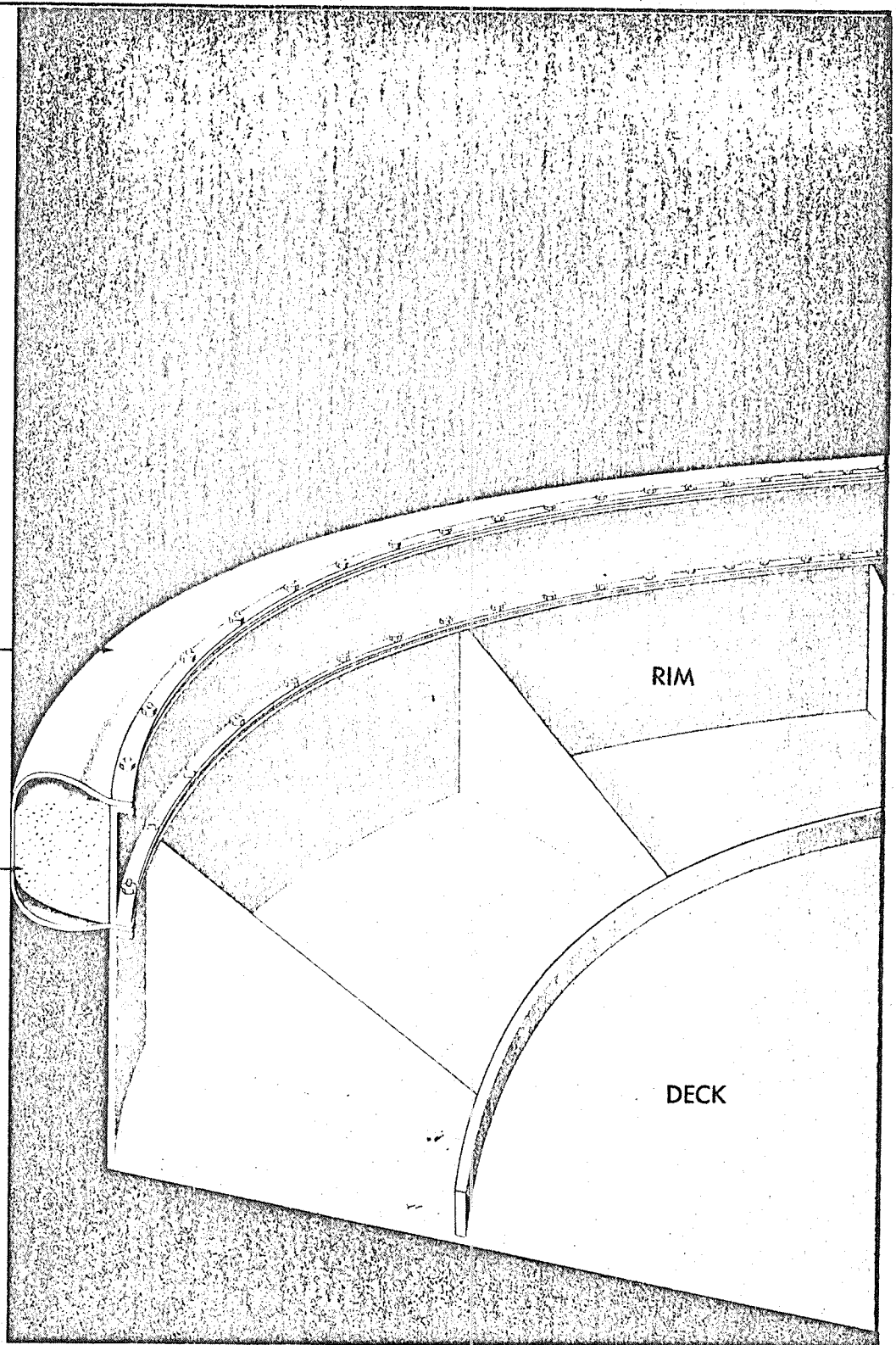
	<u>DATE</u>
1. Equipment Ordered	Approximately October 1, 1973
2. Construction Begun	Approximately November 15, 1973
3. Construction Finished	Approximately June 1, 1974
4. Compliance Verified *	

\* Unless written exemption is obtained from the Director, this demonstration requirement shall be by performance testing of the source in accordance with those procedures approved by the Director. For exemption from this requirement, contact the Agency to whom you submitted your application.

SEAL ENVELOPE

RESILIENT FOAM

TANK SHELL



**HORTON<sup>®</sup> WEATHERMASTER<sup>\*</sup> SEAL**

FOR FLOATING ROOFS IN TANKS WITH FIXED ROOFS

**CHICAGO BRIDGE & IRON COMPANY**

MR J.D. LANCASTER

SUN OIL COMPANY OF PENNSYLV

PO BOX 39

GREENSBURG, PENNSYLVANIA 15601

Dear Mr Lancaster,

I have received your application for a Permit-to-Construct for the ~~sub~~ installation of a tank with a floating roof. Before I can approve this application I will need more information about the floating roof which is being installed. A cross-sectional view of the tank with the roof installed should be <sup>an</sup> adequate description. Please submit the above requested information as part of your permit application. I will complete the processing of your application as soon as this information is received.

Sincerely

E Woods

Maximum Design Rate

$$\frac{(190,000 \text{ gal})}{1000 \text{ day}} = \frac{190}{1000 \text{ gal Throughput/day}}$$

Normal Design Rate

$$\frac{2,610,000 \text{ gal/year}}{1910} \times \frac{1 \text{ year}}{365 \text{ days}} = \frac{7,150}{1000 \text{ gal Throughput/day}}$$







