

I. INTRODUCTION

This source has applied for a Clean Air Act Permit Program (CAAPP) operating permit for its existing operation. The CAAPP is the program established in Illinois for the operating permits for significant stationary sources required by the federal Clean Air Act, as amended in 1990. The conditions in a CAAPP permit are enforceable by both the Illinois Environmental Protection Agency (Illinois EPA) and the USEPA.

The Premcor Refining Group, Inc. - Hartford Distribution Center is located at 201 East Hawthorne, Hartford, Illinois. The source is engaged in petroleum storage and distribution operations.

II. EMISSION UNITS

Significant emission units at this source are as follows:

Emission Unit	Description	Date Constructed/Modified	Emission Control Equipment
Unit 01	Vapor Control System: Control Boreholes, Knock Out Drum, Vacuum Blowers (75 Hp/Electric)	1/92	Thermal Treatment Unit (Enclosed Flare)
Unit 02	Marine Vessel Loading	1981 <sup>a</sup>	Vapor Recovery Unit and Flare
Unit 03	External Floating Roof Tanks:  120-1 120-2 120-3 120-4 120-5 120-8 80-4 80-5 80-10 80-11 20-8 10-20 5-10	  1947 1947 1953 1953 1953 1957 1945 1949 1953 1953 1960 1961 1954	  Floating Roof, Primary Seal and Rim-Mounted Secondary Seal, Submerged Loading
Unit 04	Internal Floating Roof Tanks:  Group 1 Tanks <sup>b</sup> (Subject to 40 CFR 60, Subpart Kb): 20-3/840,000 Gal 10-10/420,000 Gal	1948/1990  1941/1994	  Internal Floating Roof, Submerged Loading

Emission Unit	Description	Date Constructed/ Modified	Emission Control Equipment
Unit 04 (Cont.)	Group 2 Tanks (Not Subject to NSPS): 10-5/420,000 Gal 10-7/420,000 Gal T-3-1/126,000 Gal	1941  1941 1956	Internal Floating Roof, Submerged Loading
	Group 3 <sup>c</sup> (Subject to 40 CFR 60, Subpart K) Tank: 120-9/5,040,000 Gal	1975	
Unit 05	Wastewater Treatment Plant: Entry Points, Two (2) Equalization Tanks, Diffused Air Flotation (DAF) Unit, Two (2) Aeration Basins, Two (2) Clarifiers, Anthracite/Sand Filter.	1973/1994 <sup>d</sup>	Anthracite/Sand Filters
Unit 06	Fugitive Emissions from Paved and Unpaved Roads	---	---
Unit 07	Fugitive VOM Emissions from Valves, Flanges, Seals, and Miscellaneous Components	Not Available	Leak Detection and Repair Program
Unit 08	Gasoline Storage Tanks	Pre-1990	None

<sup>a</sup> Refurbished in 1981. A new platform was constructed, a new pipeline was installed to the river dock. The loading berth was reconditioned and all new piping and loading arms installed.

<sup>b</sup> Subject to 40 CFR 60, Subpart Kb

<sup>c</sup> Subject to 40 CFR 60, Subpart K

<sup>d</sup> Installation of two (2) equalization tanks

### III. EMISSIONS

This source is required to have a CAAPP permit since it is a major source of emissions.

For purposes of fees, the source is allowed the following emissions:

#### Permitted Emissions of Regulated Pollutants

Pollutant	Tons/Year
Volatile Organic Material (VOM)	230.30
Sulfur Dioxide (SO <sub>2</sub> )	4.34
Particulate Matter (PM)	12.08
Nitrogen Oxides (NO <sub>x</sub> )	35.56

HAP, not included in VOM or PM	----
Total	282.28

This permit is a combined Title I/CAAPP permit that may contain terms and conditions which address the applicability, and compliance if determined applicable, of Title I of the Clean Air Act and regulations promulgated thereunder, including 40 CFR 52.21 - federal Prevention of Significant Deterioration (PSD) and 35 IAC Part 203 - Major Stationary Sources Construction and Modification. Any such terms and conditions are identified within the permit by T1, T1R, or T1N. The source has requested that the Illinois EPA establish or revise such conditions in a Title I permit, consistent with the information provided in the CAAPP application. Any conditions established in a construction permit pursuant to Title I and not revised or deleted in this permit, remain in effect pursuant to Title I provisions until such time that the Illinois EPA revises or deletes them.

#### IV. APPLICABLE EMISSION STANDARDS

All emission sources in Illinois must comply with the Illinois Pollution Control Board's emission standards. The Board's emission standards represent the basic requirements for sources in Illinois.

All emission sources in Illinois must comply with the federal New Source Performance Standards (NSPS). The Illinois EPA is administering NSPS in Illinois on behalf of the United States EPA under a delegation agreement.

All emission sources in Illinois must comply with the federal National Emission Standards for Hazardous Air Pollutants (NESHAP). The Illinois EPA is administering NESHAP in Illinois on behalf of the United States EPA under a delegation agreement.

#### V. PROPOSED PERMIT

##### CAAPP

A CAAPP permit contains all conditions that apply to a source and a listing of the applicable state and federal air pollution control regulations that are the origin of the conditions. The permit also contains emission limits and appropriate compliance procedures. The appropriate compliance procedures may include inspections, work practices, monitoring, record keeping, and reporting to show compliance with these requirements. The Permittee must carry out these procedures on an on-going basis.

##### Title I

A combined Title I/CAAPP permit contains terms and conditions established by the Illinois EPA pursuant to authority found in Title I provisions, e.g., 40 CFR 52.21 - federal Prevention of Significant

Deterioration (PSD) and 35 IAC Part 203 - Major Stationary Sources Construction and Modification. Notwithstanding the expiration date on the first page of the permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

VI. REQUEST FOR COMMENTS

It is the Illinois EPA's preliminary determination that this source's permit application meets the standards for issuance of a CAAPP permit. The Illinois EPA is therefore proposing to issue a CAAPP permit, subject to the conditions proposed in the draft permit.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 166.

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