



**Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety**
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Springfield, IL 62703
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SFM.DPCS@illinois.gov
Replacement of 00213-2026INS

FOR OFFICE USE ONLY
Facility #: 2047981
Permit #: 01021-2026INS
Request Rec'd: 08/25/2026
Approval Date: 08/25/2026 DS
Permit Expires: 02/25/2027

Permit for INSTALLATION of Regulated Underground Storage Tanks and Piping

Permission is hereby granted to install the underground storage tank(s) and associated piping identified below. All installation activities must be conducted in accordance with all applicable sections of 41 Ill. Adm. Code Parts 174, 175, and 176. The permitted contractor must schedule specific dates and times for all required activities through their contractor portal account. Both the electronic testing forms and the Notification for Underground Storage Tank form must be submitted before the final inspection can be scheduled.

THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.

OWNER OF TANKS - Corporation, partnership, or other business entity: The City Of Aurora 44 E Downers St Aurora, IL 60507 Kane County Contact: Kunkel Martin 630/844-4726	FACILITY - name and address where tanks are located: City of Aurora Fire Department Headquarters 1250 East Indian Trail Road Aurora, IL 60505 Kane County Contact: Derrick Winston 630/774-0715
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Tanks on the Permit

Tank #	Product	Capacity	Tank Status	Regulated Status
1	Diesel Fuel	10,000	Installed/Not in Use	Federal
2	Gasoline - Regular	10,000	Installed/Not in Use	Federal

Tank 1 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Fiberglass Double Wall	New
Piping	Fiberglass Single Wall Piping Vent	New
Piping	Flex Connector Steel	New
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Piping	Shear Valves	New
Piping	Single Wall STP/Tanktop Sump	New
Leak Detection - Piping	Sump Sensor with positive shutdown	New
Piping	Single Wall Transition Sump	New
Leak Detection - Piping	Sump Sensor with positive shutdown	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall XERXES	New

Tank 2 Equipment

Equipment Type	Permit Equipment	Action
Corrosion Protection - Piping	Fiberglass Non-Corrosive	New
Corrosion Protection - Piping	Flexible Non-Corrosive	New
Corrosion Protection - Tank	Fiberglass Non-Corrosive	New
Leak Detection - Piping	Electronic Pressurized Line Leak Detection	New
Leak Detection - Tank	Automatic Tank Gauging Veeder Root TLS 450 Plus	New
Leak Detection - Tank	Non-Discriminating Interstitial Monitoring Sensors With Monitor	New
Overfill Prevention Device	Overfill Drop Tube Valve	New
Piping	Ball Valves	New
Piping	Fiberglass Double Wall	New
Piping	Fiberglass Single Wall Piping Vent	New
Piping	Flex Connector Steel	New
Piping	Flexible Double Wall A.P.T. Poly Tech	New
Piping	Shear Valves	New
Piping	Single Wall STP/Tanktop Sump	New
🔌 Leak Detection - Piping	Sump Sensor with positive shutdown	New
Spill Containment Device	Double Wall Spill Bucket	New
Tank	Fiberglass Double Wall XERXES	New

Dispensers on the Permit

Dispenser	Action
1 Diesel	New
2/3 Gasoline	New

Dispenser 1 Diesel Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
🔌 Leak Detection - Piping	Sump Sensor with positive shutdown	New

Dispenser 2/3 Gasoline Equipment

Equipment Type	Permit Equipment	Action
Dispenser	Single Wall UDC Sump	New
🔌 Leak Detection - Piping	Sump Sensor with positive shutdown	New

General Requirements

USTs shall be installed to safeguard against movement by anchoring in accordance with manufacturer's instructions.

There shall be a minimum of two manufactured slotted or perforated observation wells of at least 4 inches in diameter, installed in each new tank field of tanks larger than 1000 gallons and one well for tanks less than 1000 gallons. A water tight containment shall be installed under all dispensers and at submersible pumps. A hydrostatic test must be performed on all containments. All steel piping for vents, risers, and fills in contact with the ground, backfill, or water shall be dielectrically wrapped or coated. A positive shut off valve shall be installed on pressurized product lines, at the submersibles, or installed at the tank for all suction piping systems. Vent piping is required to be tested from tank to grade level. All steel flex connectors in contact with ground, backfill or water shall have corrosion protection.

Summary of Work

Project consists of installation of new exterior fleet fueling systems at the Police Department and Fire Department facilities. Work includes excavation and installation of underground double-wall fiberglass storage tanks with 12" bedding, submersible turbine pumps (STPs), and double-wall product piping.

Install reinforced concrete fuel islands, double-wall dispenser sumps, and fuel dispensers. Provide and install tank top sumps, spill containment, overfill prevention (OPW automatic shutoff drop tubes), and electronic high-level alarm systems. Integrate all tanks, piping, and sump sensors with a Veeder-Root TLS-450 Plus automatic tank gauge system including electronic line leak detection and interstitial monitoring.

Provide emergency stop controls, positive shutdown relays, and required electrical connections from existing panels. Install fuel management systems (FuelMaster units) for controlled municipal fleet fueling. Police location includes canopy lighting; Fire location does not include a canopy.

Special Contingencies

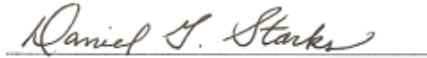
NOTES: This is a replacement permit that expired. All dispensers must be at least 10' from buildings and property lines. Vents must meet section 175.440 of our rules.

Replacement Reason:

Original permit expired prior to being completed.

PERSON, FIRM OR COMPANY PERFORMING WORK:	
Stenstrom Petroleum Services Group 2422 Center Street Rockford, IL 61108	Contact Person: Robert Stenstrom Phone: 630/379-6288 Email: Johnst@rstenstrom.com Contractor License # IL1890 Exp. 4/12/2028

Sincerely,



Daniel Starks