



PADEP Storage Tank Permitting Requirements

NISTM
National Institute for Storage Tank Management

April 3, 2014

STORAGE TANK AND SPILL PREVENTION ACT

- Provides for the regulation of storage tanks and facilities
 - Authorizes the Department to develop regulations and a permit program
 - Act 32 passed on July 6, 1989
 - Effective August 5, 1989
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ADMINISTRATION OF THE STORAGE TANK AND SPILL PREVENTION PROGRAM

- Title 25, Chapter 245
 - Subchapters A through H
 - Effective September 21, 1991
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SUBCHAPTER C. PERMITTING OF UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS AND FACILITIES

- Permit regulations effective October 11, 1997
 - All USTs and ASTs must be permitted
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TYPES OF PERMITS

- Two (2) types
 - Operating
 - Installation
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OPERATING PERMITS

- Two (2) types of Operating Permits
 - Permit-By-Rule (PBR)
 - General Operating Permit (GOP)
 - Depends on size and substance stored
 - No fees
 - Automatically renewed with proper registration
 - Temporarily out-of-use tank – Department withdraws operating permit
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OPERATING PERMITS

- Minimal Requirements
 - Properly register each tank and, if required, pay the annual registration fee;
 - Use certified individuals for inspections and tank handling activities;
 - Meet proper technical standards;
 - Meet financial responsibility requirements; and
 - Follow proper corrective action procedures, when necessary.
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PERMIT-BY-RULE (PBR)

- Manufactured USTs storing petroleum
 - ASTs 21,000 gallons or less that are not highly hazardous substance tanks
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PERMIT-BY-RULE (PBR)

- Issued concurrent with proper registration using Registration/Permitting of Storage Tanks Form
 - No permit document
 - Certificate of registration lists the permit status
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GENERAL OPERATING PERMIT (GOP)

- ASTs greater than 21,000 gallons;
 - Highly hazardous substance tanks;
 - Hazardous substance USTs; and
 - Field constructed USTs.
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GENERAL OPERATING PERMIT (GOP)

- No permit fee
 - Register tanks & apply for permit using
Registration/Permitting of Storage Tanks Form
 - Certificate of registration lists the permit status
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INSTALLATION PERMIT

- Site Specific Installation Permit (SSIP)
 - Construction, reconstruction or installation of new or modified storage tank
 - Permit fee depends on the capacity of the tank or tanks
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SSIP PERMIT

- AST systems with a capacity greater than 21,000 gallons
 - New AST facilities with an aggregate AST capacity greater than 21,000 gallons
 - Field constructed underground storage tank (UST) systems
 - Storage tank systems with a capacity greater than 1,100 gallons containing a highly hazardous substance
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SSIP PERMIT

Tank Type	Facility Type	Tank Location	Part I Required	Mapping Part II #1	Siting Part II #2	Geological Part II #3	Environmental Assessment Part II #4
Large AST	Existing Large	New	Yes	Yes	Yes	Yes	No
Large AST	Existing Small	New	Yes	Yes	Yes	Yes	Yes
Large AST	Existing Large	Same Footprint	Yes	No	No	Yes	No
Large AST	New	New	Yes	Yes	Yes	Yes	Yes
Small ASTs (aggregate >21,000 gal)	New Large	New	Yes	Yes	Yes	Yes	No
Highly Haz AST/UST	Existing or New	New or Same Footprint	Yes	No	No	No	No
UST Field Constructed	Existing or New	New or Same Footprint	Yes	No	No	No	No

SSIP PERMIT

STANDARD OPERATING PROCEDURE FOR
HANDLING AND REVIEWING SITE-SPECIFIC
INSTALLATION PERMIT APPLICATIONS

DIVISION OF STORAGE TANKS
BUREAU OF ENVIRONMENTAL CLEANUP AND
BROWNFIELDS

NOVEMBER 14, 2012

SSIP PERMIT

Department of Environmental Protection Bureau of
Environmental Cleanup and Brownfields

Division of Storage Tanks

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