

# Used Oil

## An Inspectors View

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NJDEP

609-439-9728

7:26A-6.4(d)3 - Containers ... used to store used oil at generator facilities shall be:

- i. In good condition (no severe rusting, apparent structural defects or deterioration);  
and
- ii. Not leaking (no visible leaks);



This container  
is NOT in  
good condition!

03/30/2006



Spilled  
over top

3/30/2006



This pallet of Buckets had been bumped and spilled on floor



03/3

7:26A-6.4(d)5 - Upon detection of a release of used oil to the environment not subject to the requirements of 40 C.F.R. Part 280, Subpart F, or *N.J.A.C. 7:14B*, a generator shall perform the following cleanup steps:

- i. Stop the release;
- ii. Contain the released used oil;
- iii. Clean up and manage properly the released used oil and other materials;

Upon detection  
of this release,  
this generator  
did NOTHING!



03/05/2003

Why you shouldn't  
store used oil in  
Buckets



03/30/2006





**BULL**  
**STATIC**

This is a  
release of  
used oil

03/13/2006



This makes me happy!!



7:26A-6.4(d) 4 - Used oil generators shall label containers, tanks and pipes in accordance with the following:

i. Containers and aboveground tanks used to store used oil at generator facilities shall be labeled or marked clearly with the words "**Used Oil**";

Drums should be marked "Used Oil" not "Waste Oil"



03/30/2006

Properly marked but may have  
stormwater issues





This makes me happy!

**CAUTION**

**USED  
OIL**

**DANGER**

**MAY CONTAIN  
FLAMMABLE PRODUCT  
KEEP ALL SOURCES OF  
IGNITION, INCLUDING  
VEHICLES, AT LEAST  
5 METRES AWAY.**

**MIXING PRODUCTS MAY  
CREATE HAZARDOUS WASTE**

# Pedestal oil drain units

- Should be marked “Used Oil”
- Don't clean parts over them

Neither tank  
nor pedestal  
unit marked  
“Used Oil”





Don't use  
"brake cleaner"  
over Used Oil  
units





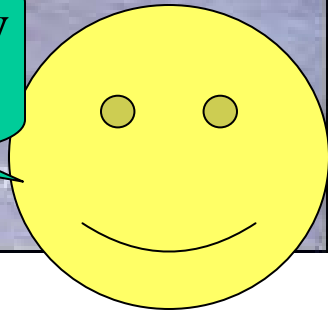
Not marked  
Used Oil


# Used Oil Tanks

- secondary containment
- overfill protection
- marking fill pipes



Good secondary containment





This facility didn't  
have overflow  
protection

Outside of previous pictures containment



7:26A-6.4(e) - Generators may burn used oil in used oil-fired space heaters provided that:

- Only Burn your own or DIY used automotive oils
- Oil has not been mixed w/HW, antifreeze, PCBs, solvents, etc.
- Generator has determined the Oil is “On-Spec”
- Heater has maximum capacity of  $\leq$  than 0.5 million BTU
- The combustion gases vented to the ambient air
- The generator obtains an Air Permit

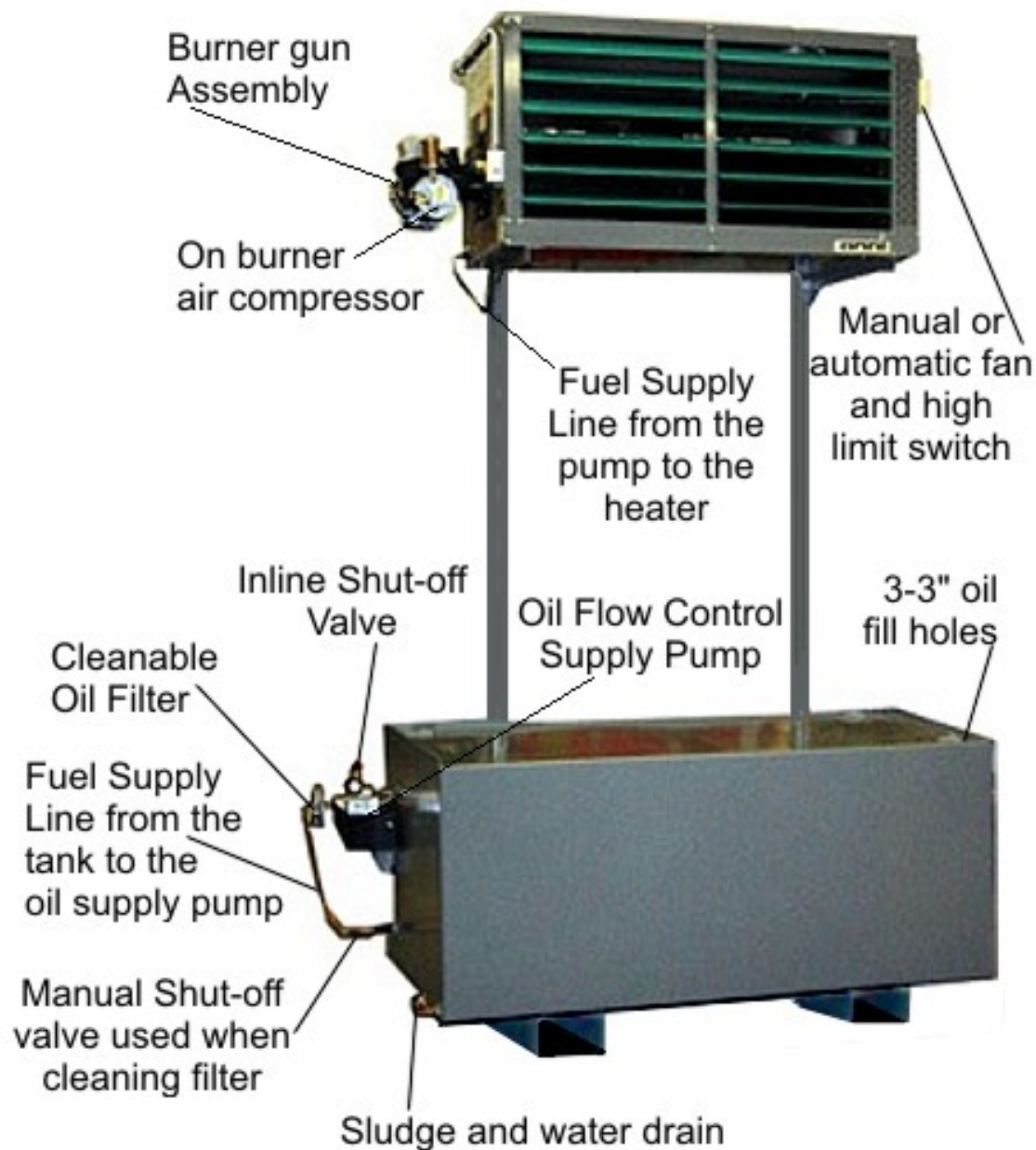
Do Not Burn  
Used Oil  
in any device  
not made  
for that  
Purpose





Used Oil  
Space Heater





All models can be ceiling hung or mounted in any direction on optional workbench oil storage tank. Shown here is the complete system with 350 gallon tank. Other sizes available: 250 gal/500 gal UL if needed / Non UL Double or Single Wall

# Sample Spaceheater Registration

Environmental Regulation  
Division of Air Quality  
Air Quality Permitting Element  
P.O. Box 027  
Trenton, New Jersey 08625-0027

## Air Pollution Control Preconstruction Permit Used Oil Spaceheater Registration

**Permit Activity ID Number:** PCP060001  
**Approval Date:** September 29, 2007

**Facility ID Number:** 1111  
**Expiration Date:** September 28, 2012

Mailing Address	Plant Location
Paul King OWNER DEP USED OIL GENERATOR CORP 401 East State Street Trenton, NJ 08625	DEP USED OIL GENERATOR CORP 401 East State Street Trenton Mercer County, New Jersey

Dear Mr./Ms. KING:

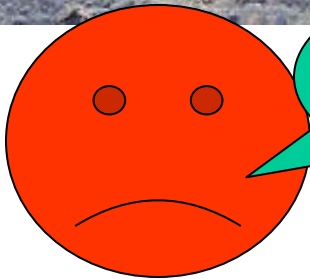
The New Jersey Department of Environmental Protection (Department) has received your registration for a used oil space heater, pursuant to N.J.A.C. 7:27-20.3.

The used oil space heater shall be installed and operated in accordance with Attachment I "New Jersey Department of Environmental Protection, Air Quality Permitting Program, Registration Conditions for Used Oil Space Heaters".

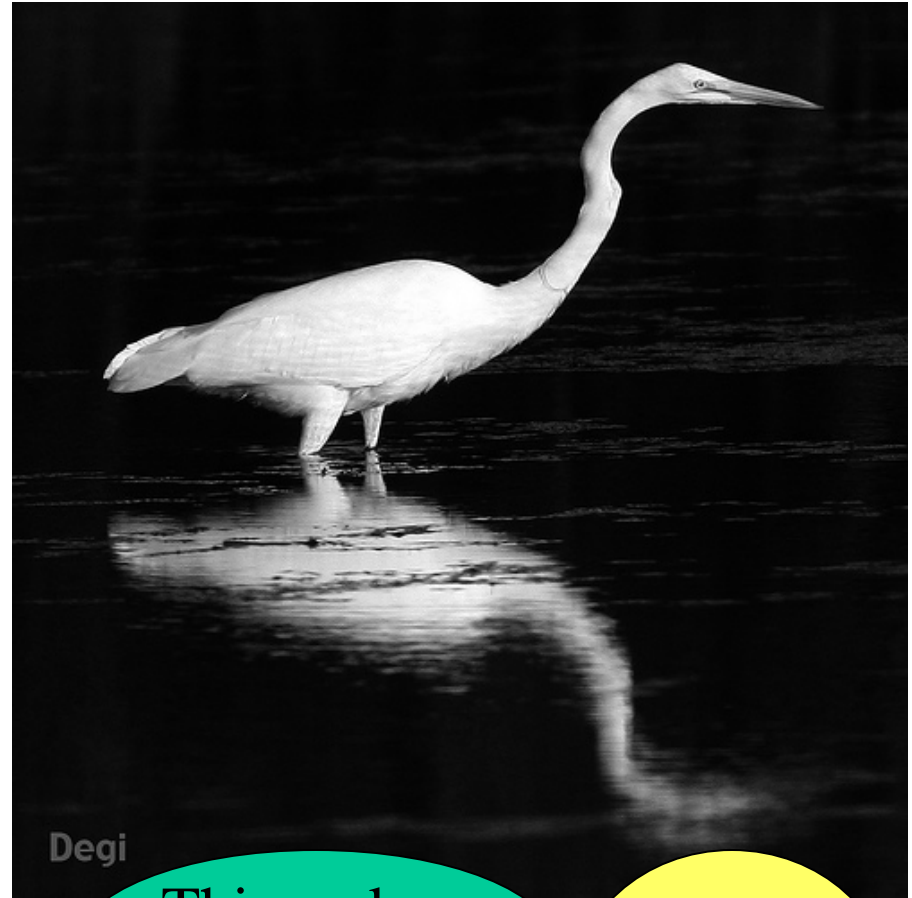
The **Effective Date of Registration** is September 27, 2007. The operational authority under this Used Oil Spaceheater Registration will expire five (5) years from the effective date.

Six (6) months prior to the expiration of the operational authority under this Used Oil Spaceheater Registration, a renewal notification will be sent from the Department to the Permittee. For the operational authority to remain in effect, the Permittee must complete and return the Registration renewal invoice, with the appropriate fee, to the Department of Treasury.

This Used Oil Spaceheater Registration is issued under the authority of Chapter 106, P.L. 1967 (N.J.S.A. 26:2C-9.2). You may construct and operate the above referenced equipment, or equipment and control devices only in accordance with all provisions of the Used Oil Space heater Registration.

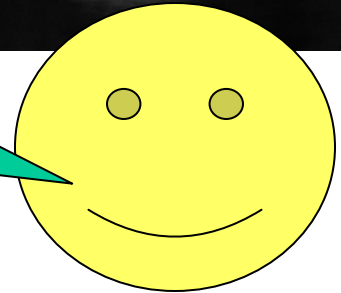


This makes me sad!



Degi

This makes me happy!!



# Additional Resources

Bureau of Recycling and Planning

<http://www.nj.gov/dep/dshw/recycling/index.html>

Phone:(609) 984-3438

Fax : (609) 633-1112

Class D Used Oil Fac.- <http://www.state.nj.us/dep/dshw/rrtp/usedoil.htm>

County Recycling Contacts- <http://www.nj.gov/dep/dshw/recycle/classd>

U/O Tank siting guide <http://www.state.nj.us/dep/dshw/resource/tankguid.htm>

Air permits for U/O space heater -<http://www.nj.gov/dep/aqpp/applying.html>

American Petroleum Institute website- [www.recycleoil.org](http://www.recycleoil.org)