

Used Oil

An Inspectors View

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NJDEP

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



03/1

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

B100
STATIC

This is a
release of
used oil

03/13/2006



This makes
me happy!!



**SPILL
KIT**

SPONGE
Suck It Up!

SPONGE
BODY
\$

PREVENT OIL POLLUTION

FREE ABSORBENT PILLOWS

FREE ABSORBENT SHEETS

TOSS



IN BARREL

DROP DRAINED



IN BARREL

**HAZARDOUS
USED OIL
SLURRY**

**USED
DRAINED
OIL FILTER**

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.

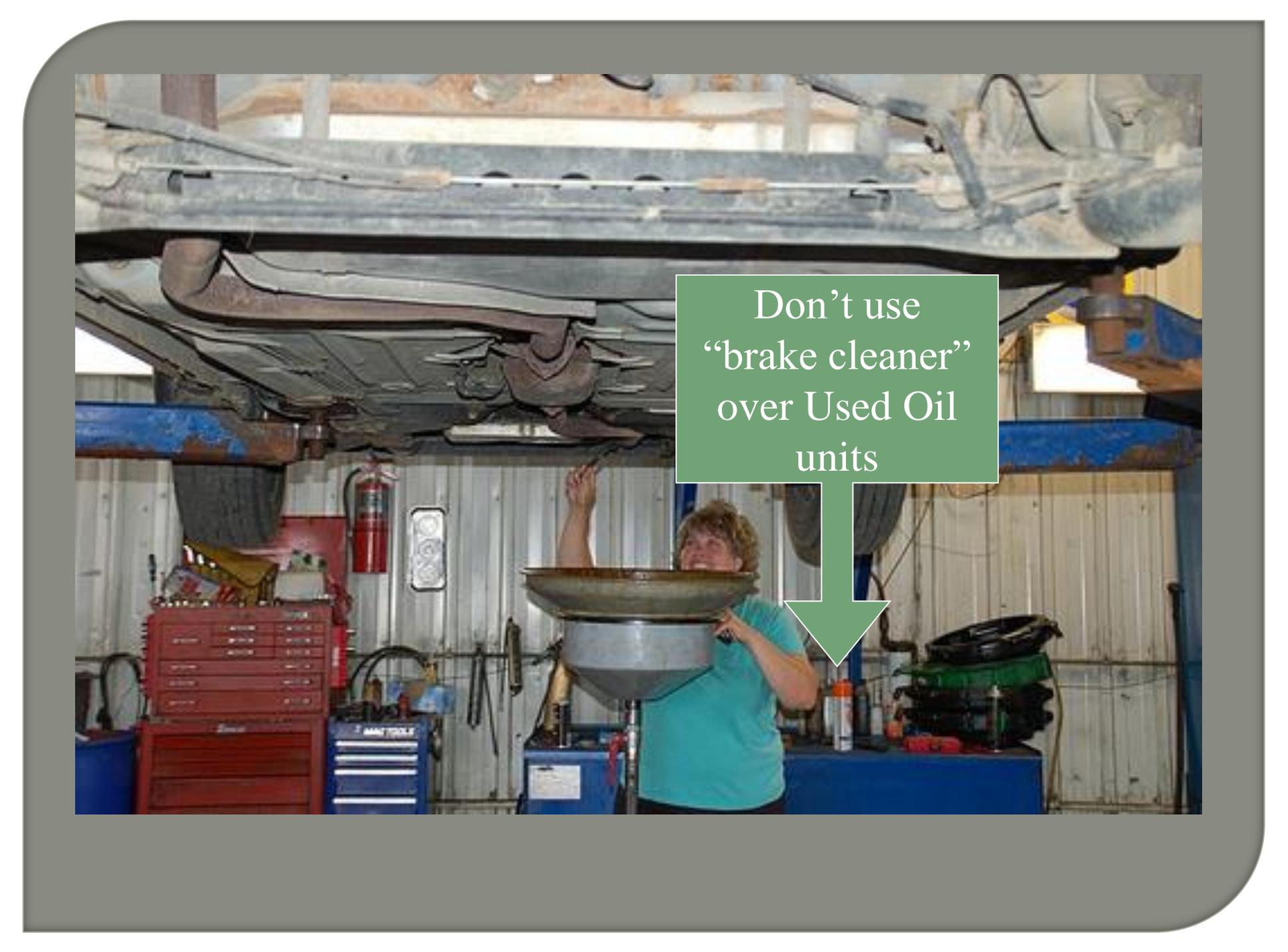
MIXING PRODUCTS MAY
CREATE HAZARDOUS WASTE

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

-overflow protection

-marking fill pipes

floridacenter.org



Good secondary
containment



This facility didn't
have overflow
protection



Outside of previous pictures containment



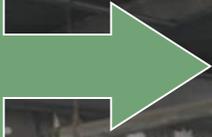
7:26A-6.4(e) - Generators may burn used oil in used oil-fired space heaters provided that:

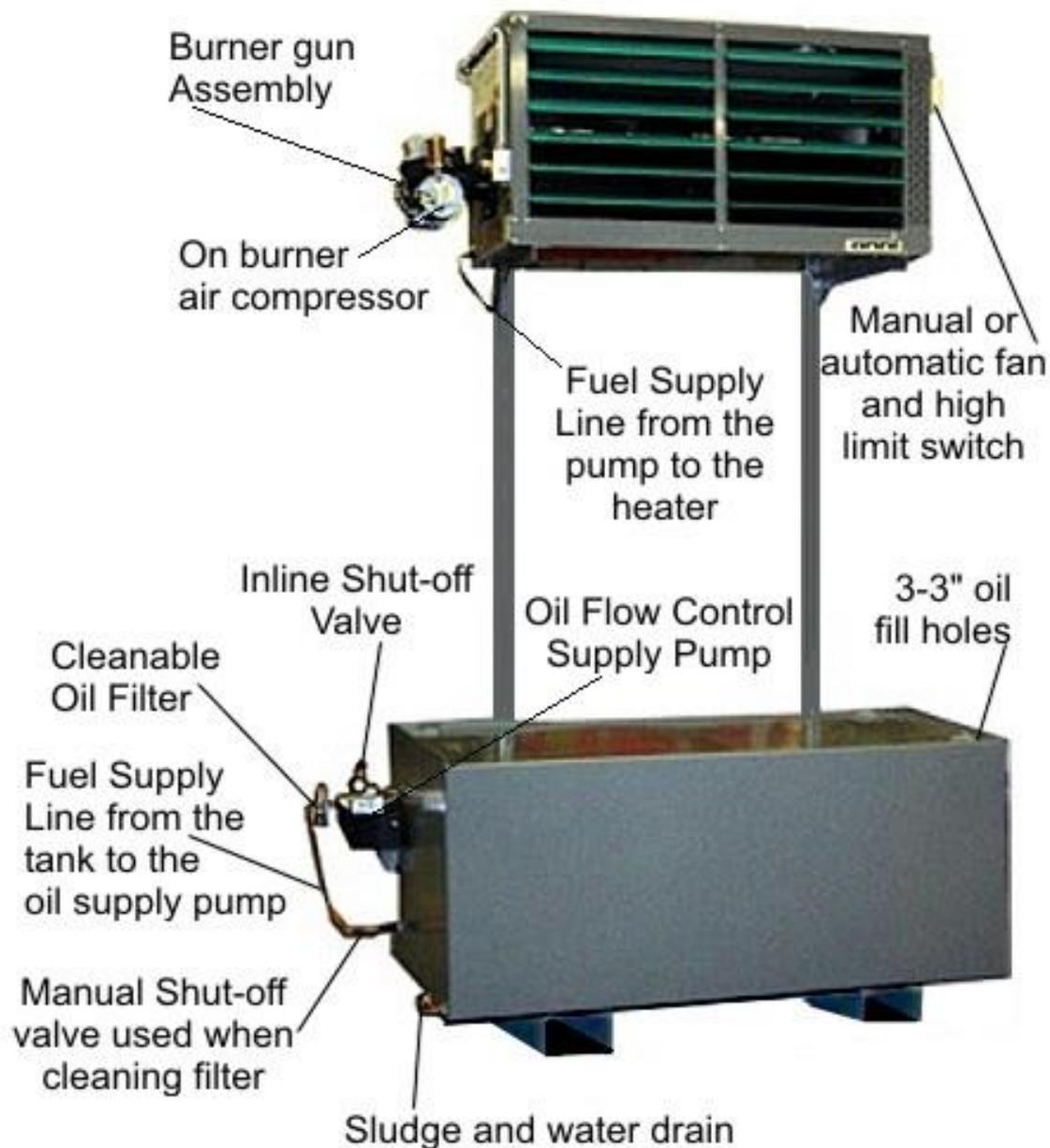
- Only Burn your own or DIY used automotive oils
- Oil has not been mixed w/HW, antifreeze, PCBs, solvents, etc.
- Generator has determined the Oil is “On-Spec”
- Heater has maximum capacity of \leq than 0.5 million BTU
- The combustion gases vented to the ambient air
- The generator obtains an Air Permit

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 Space Heater 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:

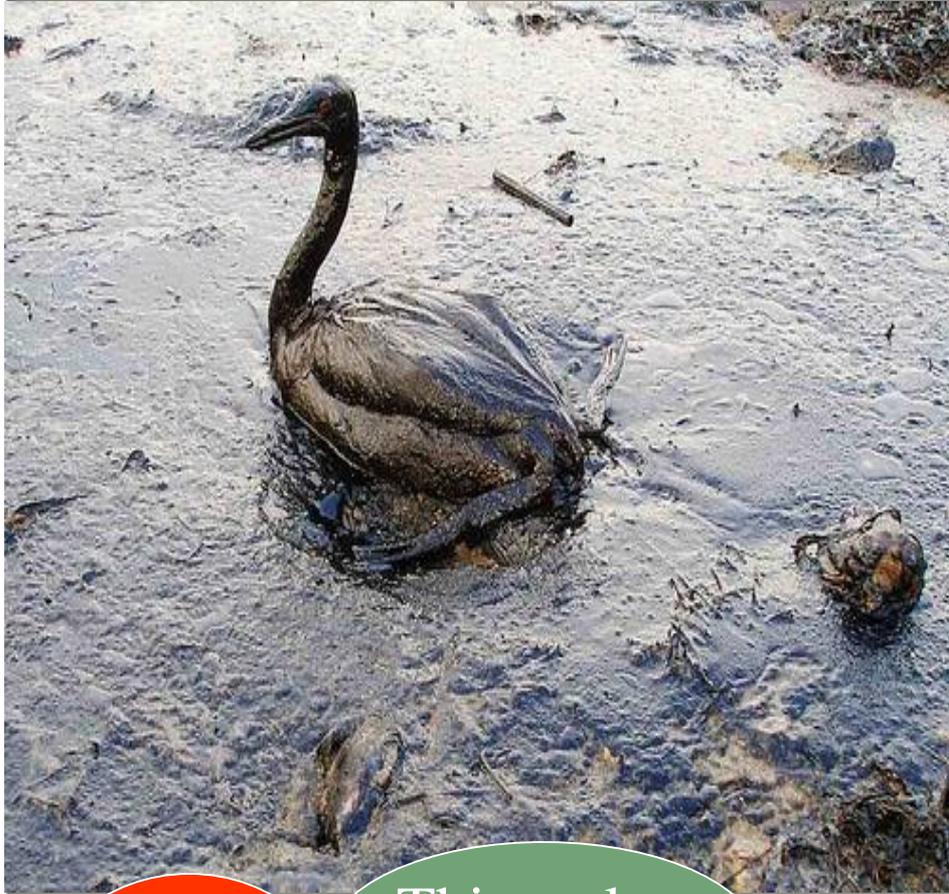
The New Jersey Department of Environmental Protection (Department) has received your registration for a used oil space heater, pursuant to N.J.A.C. 7:27-20.3.

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".

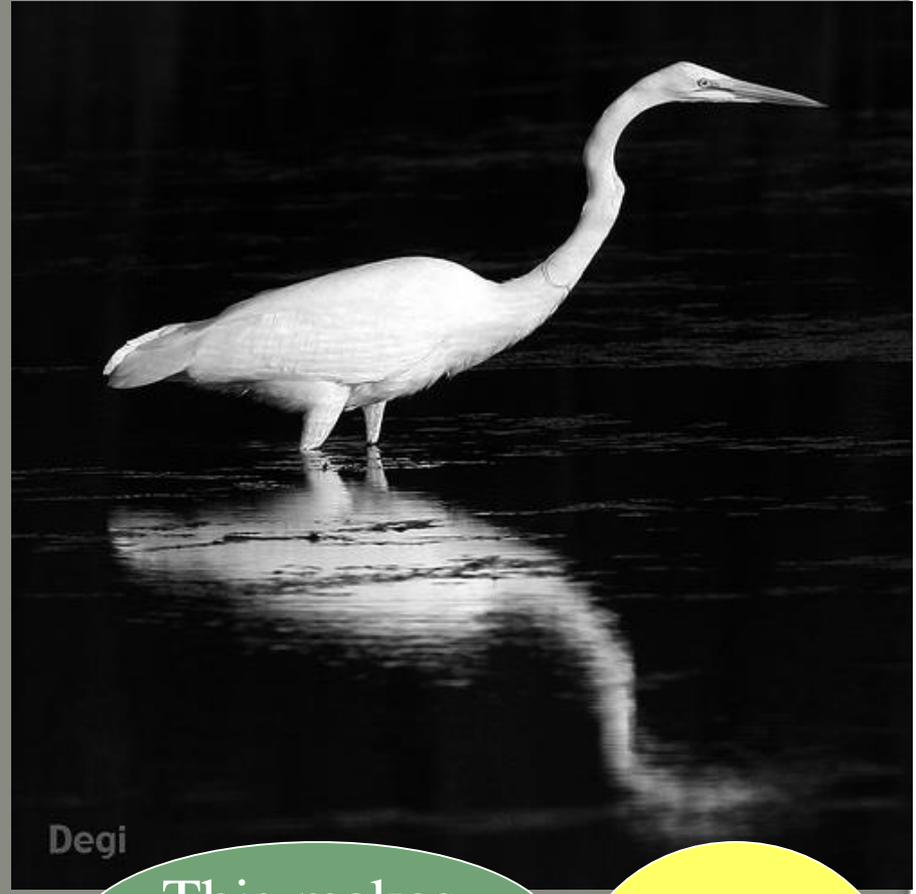
The **Effective Date of Registration** is September 27, 2007. The operational authority under this Used Oil Spaceheater Registration will expire five (5) years from the effective date.

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!!

