Used Oil
An Inspectors View

Paul King
Environmental Specialist 3
Bureau of Hazardous Waste Compliance & Enforcement
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!
This pallet of Buckets had been bumped and spilled on floor
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!
Why you shouldn’t store used oil in Buckets
This is a release of used oil.
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”
Properly marked but may have stormwater issues
This makes me happy!
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
Used Oil Tanks

- secondary containment
- overfill protection
- marking fill pipes
Good secondary containment
This facility didn’t have overfill 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 <= 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
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!

This makes me happy!!