



USED OIL - BURNING OFF-SPECIFICATION USED OIL FOR ENERGY RECOVERY

Revision: 06/29/2016
WASTE & MATERIALS
MANAGEMENT PROGRAM

This Inspection Form, used for the inspection of facilities that burn off-specification used oil for energy recovery, evaluates facility compliance with Wisconsin's Used Oil Rules in ch. NR 679 subch. G, Wis. Adm. Code. A used oil burner is a facility that burns off-specification used oil in an industrial boiler or furnace.

Section 1: On-site Management Standards

A. The used oil burner submitted a notification form and obtained an EPA ID number.		679.62
B. Off-specification used oil is burned for energy recovery in ONLY the following units: 1. Industrial furnace. 2. Industrial boiler at a facility engaged in a manufacturing process. 3. Utility boiler used to produce power, steam or other gases or fluids for sale. 4. Hazardous waste incinerator regulated under NR 664 or NR 665.		679.61(1)
C. The used oil burner mixes off-specification used oil with virgin oil or on-specification used oil for purposes of burning, but not to produce on-specification oil.		679.61(2)(b)
D. Used oil is only stored in containers, above ground storage tanks, under ground storage tanks, or other units regulated under NR 664 or NR 665. Note: The facility may be subject to the SPCC requirements in 40 CFR part 112. Used oil underground storage tanks are subject to applicable Comm 10 requirements.		679.64(1)
E. Fill pipes for underground tanks are clearly labeled "Used Oil".		679.64(6)(b)
F. All used oil containers and above ground tanks are in good condition (no severe rusting, apparent structural defects or deterioration).		679.64(2)(a)
G. All used oil containers and above ground tanks are not leaking.		679.64(2)(b)
H. All used oil containers and above ground tanks are clearly labeled "Used Oil".		679.64(6)(a)
I. The container area is equipped with a secondary containment system having a floor covering the entire area within the dike, berm or retaining wall.		679.64(3)(a)
J. The containment system for the containers is sufficiently impervious to used oil to prevent releases from migrating to soil, groundwater or surface water.		679.64(3)(b)
K. The new above ground tank (installed after June 1, 1995) area is equipped with EITHER of the following: 1. A secondary containment system having a floor covering the entire area within the dike, berm or retaining wall. 2. An equivalent secondary containment system.		679.64(5)(a)
L. The containment system for the new above ground storage tank is sufficiently impervious to used oil to prevent releases from migrating to soil, groundwater or surface water.		679.64(5)(b)
M. The existing above ground tank (installed before June 1, 1995) area is equipped with a secondary containment system having EITHER of the following: 1. A floor covering the entire area within the dike, berm or retaining wall, except where existing portions of the tank meet the ground. 2. An equivalent secondary containment system.		679.64(4)(a)
N. The containment system for the existing above ground storage tanks is sufficiently impervious to used oil to prevent releases from migrating to soil, groundwater or surface water.		679.64(4)(b)



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Section 1: On-site Management Standards

O. If a release to the environment occurred, the used oil burner performed ALL of the following: 1. Stop the release. 2. Contain the released used oil. 3. Clean up and properly manage the used oil and other materials. 4. Repair or replace any leaking used oil storage containers or tanks before returning them to service, as necessary.	679.64(7)
P. Residues generated by burning the used oil are managed in ANY of the following ways: 1. Used beneficially (not considered used oil, solid waste or hazardous waste). 2. Burned for energy recovery (subject to NR 679 used oil requirements). 3. Disposed of as a solid or hazardous waste.	679.67
Q. If material contaminated with used oil is disposed of in a solid waste landfill, ALL of the following conditions are met: 1. The materials are contaminated with minimal amounts of used oil. 2. The used oil has been properly drained or removed to the extent possible. 3. Free flowing oil is not visible. 4. The material is not a hazardous waste and cannot be recycled as used oil.	679.81(2)(b)
R. The facility prohibits the use of used oil as a dust suppressant.	679.82

Section 2: Rebuttable Presumption

A. The facility determines if the total halogen content of the used oil is above or below 1,000 ppm by ANY of the following: 1. Testing the used oil. 2. Applying knowledge of the halogen content of the used oil in light of the materials or processes used. 3. If applicable, using information from the processor or re-refiner supplying the used oil.	679.63(2)
B. The facility presumes all used oil containing $\geq 1,000$ ppm halogens is a listed hazardous waste (679.63(3)). If YES, go to Section 3.	
C. The facility rebutted the hazardous waste presumption by demonstrating ANY of the following: 1. Analysis of the used oil indicates significant concentrations of halogenated hazardous constituents are not present. 2. If applicable, using information from the generator, processor or re-refiner supplying the used oil. 3. The oil is mixed with only VSQG hazardous waste.	679.63(3)

Section 3: Recordkeeping

A. Records of analysis or other information regarding the rebuttable presumption are maintained for at least 3 years.	679.63(4)
B. The used oil burner maintains a record (log, invoice, bill of lading or manifest) of each used oil shipment accepted for burning that includes ALL of the following: 1. Name, address and EPA ID number of the transporter. 2. Name and address of the generator, processor or re-refiner sending the used oil. 3. EPA ID number for the generator, processor or re-refiner, if applicable. 4. Quantity of used oil accepted. 5. Date of acceptance.	679.65(1)



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Section 3: Recordkeeping

C. Shipping records are maintained for at least 3 years.		679.65(2)
D. Before accepting the first shipment of off-specification used oil fuel, the burner provided to the generator, transporter, processor or re-refiner a one-time written and signed notice certifying BOTH of the following:		679.66
1. The department has been notified of the location and general description of the burner's used oil management activities.		
2. Used oil will only be burned in an industrial furnace or boiler.		
E. Certifications are maintained for 3 years from the date the burner last received shipment of off-specification used oil from the generator, transporter, processor or re-refiner.		679.66(2)