

Standards for Burners Who Burn for Energy Recovery

R315-15-6



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WASTE MANAGEMENT
& RADIATION CONTROL

Standards for Burners Who Burn for Energy Recovery R315-15-6

Definition

- A used oil burner is a person who burns used oil for energy recovery.
- An on-specification used oil burner is a person who only burns used oil that meets the on-specification requirements.
- An off-specification used oil burner is a person who burns used oil not meeting the specifications for energy recovery.

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Subject to applicable general, generator, transporter, and processor/re-refiner provisions, if used oil is burned:

- By the generator in an on-site space heater.
- Incidentally to used oil processing by a processor/re-refiner.
- Obtained from a Utah-registered marketer who keeps records of its deliveries to an on-specification used oil burner.

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Other applicable provisions

In addition, used oil burners who conduct the following activities are subject to the following requirements:

- Generate used oil → Generator
- Transport used oil → Transporter
- Process/Re-refine used oil → Processor/Re-refiner
- Market used oil → Fuel Marketer
- Collect used oil → Collection Center

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Burning used oil

- Collected from other generators if certified to be on-specification by a Utah-registered used oil marketer.
- Collected not from "do-it-yourselfer" or farmer-generated, shall obtain a used oil marketer registration before burning such oil.

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Tanks, containers, and piping

- Cleaned if previously stored HW or managed as HW unless, the mixture is determined not to be HW.
- Decontaminated if previously contained PCB-contaminated material or managed as PCB contaminated material.

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Off-specification used oil burner permit

- Obtain prior to burning off-specification used oil unless exempted by PBR.
- Submit complete permit application.
- Obtain a used oil handler certificate.



Used Oil Off-Specification Fuel Burner Application

Application General Information

Company Name (As registered with Utah Department of Commerce)		Facility EPA ID # (Not for UOCCs)		NAICS Code (if applicable)
Company Street Address	City	State	Zip Code	Telephone # (10 digits)
Mailing Address (if different than street address)	City	State	Zip Code	Telephone #
Facility's Street Address (if different than company)	City	State	Zip Code	Telephone #
Company Owner				Telephone #
Contact Name & Title (if different than company owner)		Contact e-mail Address		Telephone #
Land Owner (if different than company/business owner)				Telephone #

Current and/or Previous Permits with Utah DEQ

Has your company ever held or currently holds any permits with Utah DEQ? If yes, please list them below
(e.g. UO Transporter Permit, Water Quality Discharge Permit, Permit by Rule)

#	Type	Permit #	#	Type	Permit #
1			3		
2			4		

Regular Mail

Director of Utah Division of Waste Management & Radiation Control
P.O. Box 144880
Salt Lake City, Utah 84114-4880

Phone: (801) 536-0200
Fax: (801) 536-0222

Fed Ex & UPS... Or in Person

Director of Utah Division of Waste Management & Radiation Control
195 North 1950 West
Multi-Agency State Office Building, 2nd Floor
Salt Lake City, Utah 84116

*** Please keep a copy of your Registration Application for your records ***

The Application Form

Email to dwmrcsubmit@utah.gov

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Testing of used oil fuel for PCBs

- Presumed to contain ≥ 2 ppm of PCBs unless certified by a used oil marketer with laboratory analyses.

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Restrictions on burning

- Off-specification used oil fuel may be burned for energy recovery in only:
 - Industrial furnaces;
 - Industrial boilers;
 - Utility boilers;
 - Used oil-fired space heaters
 - HW incinerators.
- Used oil burners may only burn HW if they are permitted to do so by the Director.







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Notification (EPA)

- Comply with the notification requirements of RCRA section 3010 and obtain an EPA identification number.
- May obtain one by notifying the Director of their used oil activity by submitting either:
 - A completed EPA Form 8700-12.; or
 - A letter to the Director with the required information.



RCRA Subtitle C Reporting Instructions and Forms

EPA Forms 8700-12, 8700-13 A/B, 8700-23

DISCLAIMER: This is an excerpt containing only the information pertinent to the Site Identification Form (Form 8700-12). The Instructions and Forms for all three forms can be found here:

https://rcrapublic.epa.gov/rcrainfoweb/documents/rcra_subtitleC_forms_and_instructions.pdf

(OMB #2050-0024; Expires 04/30/2024)

EPA Form
8700-12

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Rebuttable Presumption

- To ensure that used oil is not HW. ($\geq 1,000$ ppm)
- Determine by:
 - Testing the used oil;
 - Applying documented generator knowledge; or
 - Using information provided by the processor/re-refiner, if used oil received from them.
- Maintain records (Analyses or Information) for at least 3 years.

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Metalworking oils/fluids containing chlorinated paraffins

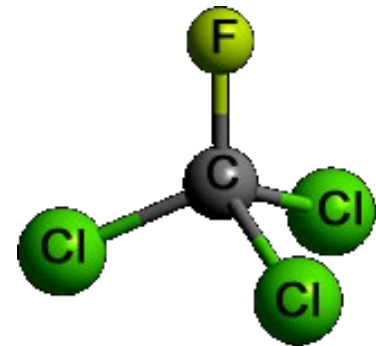
- Does not apply if they are processed through a tolling arrangement, to reclaim metalworking oils/fluids.
- Does apply if such oils/fluids are recycled in any other manner or disposed.



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Used oils contaminated with chlorofluorocarbons (CFCs)

- Does not apply if removed from refrigeration units where the CFCs are destined for reclamation.
- Does apply if have been mixed with used oil from sources other than refrigeration units.



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Storage

- Subject to all applicable SPCC and underground storage tanks requirements.
- Store in tanks, containers or units subject to regulation.
- Containers and aboveground tanks shall be:
 - In good condition, with no severe rusting, apparent structural defects, or deterioration; and
 - Not leaking.
 - In secondary containment.
 - Labeled or marked clearly as "Used Oil."



97-463

97-463
USED
OIL

CAUTION

HOSES MUST BE PROPERLY
CONNECTED WHILE TRANSFERRING
PRODUCT AND PROPERLY
DISCONNECTED BEFORE
LEAVING THE FACILITY

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Accumulation of used oil, water, and liquids

- Shall be removed from secondary containment, sumps, and similar structures within 24 hours of discovery.

Response to releases

- Upon detection, a burner shall comply with the Emergency Control requirements (R315-15-9).

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Tracking

- Keep a record of each off-specification used oil shipment accepted for burning.
- May use a log, invoice, manifest, bill of lading, or other shipping documents that includes the required information.
- Maintained for at least three years.

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Notices

- Provide a one-time written and signed notice certifying that the burner:
 - Has notified the Director of the location and general description of used oil management activities; and
 - Will burn the off-specification used oil only in an approved industrial furnace or boiler.
- Certification shall be maintained for at least three years from last shipment.

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Management of residues

- Residues generated on-site from the storage or burning of used oil shall be managed following the “Materials derived from used oil” requirements.

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Accepting off-site used oil

- Ensure that transporters delivering used oil to their facility have obtained:
 - Current used oil transporter permit
 - EPA identification number.



Questions?

Visit Used Oil Program [Website](#)
Or
Call DWMRC Used Oil Section (801) 536-0200