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DEPARTMENT OF HEALTH

Adoption of Chapter 11-279
Hawaii Administrative Rules

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SUMMARY

Chapter 11-279, Hawaii Administrative Rules, entitled
"Standards for the Management of Used Oil", is adopted.

HAWAII ADMINISTRATIVE RULES

TITLE 11

DEPARTMENT OF HEALTH

CHAPTER 279

HAZARDOUS WASTE MANAGEMENT

STANDARDS FOR THE MANAGEMENT OF USED OIL

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SUBCHAPTER A

DEFINITIONS

§11-279-1 Definitions. Terms that are defined in sections 11-260-10 and 11-261-1, and the State's underground storage tank rules have the same meanings when used in this chapter.

"Aboveground tank" means a tank used to store or process used oil that is not an underground storage tank as defined in section 342L-1 of the Hawaii Revised Statutes.

"Container" means any portable device in which a material is stored, transported, treated, disposed of, or otherwise handled.

"Do-it-yourselfer used oil collection center" means any site or facility that accepts/aggregates and stores used oil collected only from household do-it-yourselfers.

"Existing tank" means a tank that is used for the storage or processing of used oil and that is in operation, or for which installation has commenced on or prior to the effective date of EPA's authorization of the State's used oil program. Installation will be considered to have commenced if the owner or operator has obtained all federal, State, and local approvals or permits necessary to begin installation of the tank and if either:

- (1) A continuous on-site installation program has begun, or
- (2) The owner or operator has entered into contractual obligations -- which cannot be canceled or modified without substantial loss -- for installation of the tank to be completed within a reasonable time.

"Household 'do-it-yourselfer' used oil" means oil that is derived from households, such as used oil generated by individuals who generate used oil through the maintenance of their personal vehicles.

"Household 'do-it-yourselfer' used oil generator" means an individual who generates household "do-it-yourselfer" used oil.

"New tank" means a tank that will be used to store or process used oil and for which installation has commenced after the effective date of EPA's authorization of the State's used oil program.

"Petroleum refining facility" means an establishment primarily engaged in producing gasoline, kerosine, distillate fuel oils, residual fuel oils, and lubricants, through

fractionation, straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking or other processes (i.e., facilities classified as SIC 2911).

"Processing" means chemical or physical operations designed to produce from used oil, or to make used oil more amenable for production of, fuel oils, lubricants, or other used oil-derived product. Processing includes, but is not limited to: blending used oil with virgin petroleum products, blending used oils to meet the fuel specification, filtration, simple distillation, chemical or physical separation and re-refining.

"Re-refining distillation bottoms" means the heavy fraction produced by vacuum distillation of filtered and dehydrated used oil. The composition of still bottoms varies with column operation and feedstock.

"Tank" means any stationary device, designed to contain an accumulation of used oil which is constructed primarily of non-earthen materials, (e.g., wood, concrete, steel, plastic) which provides structural support.

"Used oil" means any oil that has been refined from crude oil, or any synthetic oil, that has been used and as a result of such use is contaminated by physical or chemical impurities.

"Used oil aggregation point" means any site or facility that accepts, aggregates, and/or stores used oil collected only from other used oil generation sites owned or operated by the owner or operator of the aggregation point, from which used oil is transported to the aggregation point in shipments of no more than 55 gallons. Used oil aggregation points may also accept used oil from household do-it-yourselfers.

"Used oil burner" means a facility where used oil not meeting the specification requirements in section 11-279-11 is burned for energy recovery in devices identified in section 11-279-61(a).

"Used oil collection center" means any site or facility that is permitted to manage used oil and accepts/aggregates and stores used oil collected from used oil generators regulated under subchapter C who bring used oil to the collection center in shipments of no more than 55 gallons under the provisions of section 11-279-24. Used oil collection centers may also accept used oil from household do-it-yourselfers.

"Used oil fuel marketer" means any person who conducts either of the following activities:

- (1) Directs a shipment of off-specification used oil from their facility to a used oil burner; or
- (2) First claims that used oil that is to be burned for energy recovery meets the used oil fuel specifications set forth in section 11-279-11.

"Used oil generator" means any person, by site, whose act or process produces used oil or whose act first causes used oil to become subject to regulation.

"Used oil processor/re-refiner" means a facility that processes used oil.

"Used oil transfer facility" means any transportation related facility including loading docks, parking areas, storage areas and other areas where shipments of used oil are held for more than 24 hours and not longer than 35 days during the normal course of transportation or prior to an activity performed pursuant to section 11-279-20(b)(2). Transfer facilities that store used oil for more than 35 days are subject to regulation under subchapter F.

"Used oil transporter" means any person who transports used oil, any person who collects used oil from more than one generator and transports the collected oil, and owners and operators of used oil transfer facilities. Used oil transporters may consolidate or aggregate loads of used oil for purposes of transportation but, with the following exception, may not process used oil. Transporters may conduct incidental processing operations that occur in the normal course of used oil transportation (e.g., settling and water separation), but that are not designed to produce (or make more amenable for production of) used oil derived products or used oil fuel. [Eff
 MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.1)

SUBCHAPTER B

APPLICABILITY

§11-279-10 Applicability. This section identifies those materials which are subject to regulation as used oil under this chapter. This section also identifies some materials that are not subject to regulation as used oil under this chapter, and indicates whether these materials may be subject to regulation as hazardous waste under chapters 11-260 through 11-266, 11-268, 11-270, and 11-271.

- (a) Used oil. The department presumes that used oil is to be recycled unless a used oil handler disposes of used oil, or sends used oil for disposal. Except as provided in section 11-279-11, the rules of this chapter apply to used oil, and to materials identified in this section as being subject to regulation as used oil, whether or not the used oil or material exhibits any characteristics of hazardous waste identified in subchapter C of chapter 11-261.
- (b) Mixtures of used oil and hazardous waste --
 - (1) Listed hazardous waste.
 - (i) Mixtures of used oil and hazardous waste that is listed in subchapter D of chapter 11-261 are subject to regulation as hazardous waste

- under chapters 11-260 through 11-266, 11-268, 11-270, and 11-271, rather than as used oil under this chapter.
- (ii) Rebuttable presumption for used oil. Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste listed in subchapter D of chapter 11-261. Persons may rebut this presumption by demonstrating that the used oil does not contain hazardous waste (for example, by using an analytical method from SW-846, Edition III, to show that the used oil does not contain significant concentrations of halogenated hazardous constituents listed in appendix VIII of chapter 11-261). EPA Publication SW-846, Third Edition, is available from the United States Government Printing Office, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, (202) 512-1800 (document number 955-001-00000-1).
- (A) The rebuttable presumption does not apply to metalworking oils/fluids containing chlorinated paraffins, if they are processed, through a tolling arrangement as described in section 11-279-24(c), to reclaim metalworking oils/fluids. The presumption does apply to metalworking oils/fluids if such oils/fluids are recycled in any other manner, or disposed.
- (B) The rebuttable presumption does not apply to used oils contaminated with chlorofluorocarbons (CFCs) removed from refrigeration units where the CFCs are destined for reclamation. The rebuttable presumption does apply to used oils contaminated with CFCs that have been mixed with used oil from sources other than refrigeration units.
- (2) Characteristic hazardous waste. Mixtures of used oil and hazardous waste that solely exhibits one or more of the hazardous waste characteristic identified in subchapter C of chapter 11-261 and mixtures of used oil and hazardous waste that is listed in subchapter D of chapter 11-261 solely because it exhibits one or more of the characteristics of hazardous waste identified in subchapter C are subject to:

- (i) Except as provided in paragraph (b) (2) (iii), regulation as hazardous waste under chapters 11-260 through 11-266, 11-268, 11-270, and 11-271 rather than as used oil under this chapter, if the resultant mixture exhibits any characteristics of hazardous waste identified in subchapter C of chapter 11-261; or
 - (ii) Except as specified in section 11-279-10(b) (2) (iii) regulation as used oil under this chapter, if the resultant mixture does not exhibit any characteristics of hazardous waste identified under subchapter C of chapter 11-261.
 - (iii) Regulation as used oil under this chapter, if the mixture is of used oil and a waste which is hazardous solely because it exhibits the characteristic of ignitability (e.g., ignitable-only mineral spirits), provided that the resultant mixture does not exhibit the characteristic of ignitability under section 11-261-21.
- (3) Conditionally exempt small quantity generator hazardous waste. Mixtures of used oil and conditionally exempt small quantity generator hazardous waste regulated under section 11-261-5 are subject to regulation as used oil under this chapter.
- (c) Materials containing or otherwise contaminated with used oil.
- (1) Except as provided in paragraph (c) (2), materials containing or otherwise contaminated with used oil from which the used oil has been properly drained or removed to the extent possible such that no visible signs of free-flowing oil remain in or on the material:
 - (i) Are not used oil and thus not subject to this chapter, and
 - (ii) If applicable are subject to the hazardous waste rules of chapters 11-271, 11-260 through 11-266, 11-268, and 11-270.
 - (2) Materials containing or otherwise contaminated with used oil that are burned for energy recovery are subject to regulation as used oil under this chapter.
 - (3) Used oil drained or removed from materials containing or otherwise contaminated with used oil is subject to regulation as used oil under this chapter.
- (d) Mixtures of used oil with products.

- (1) Except as provided in paragraph (d) (2), mixtures of used oil and fuels or other fuel products are subject to regulation as used oil under this chapter.
 - (2) Mixtures of used oil and diesel fuel mixed on-site by the generator of the used oil for use in the generator's own vehicles are not subject to this chapter once the used oil and diesel fuel have been mixed. Prior to mixing, the used oil is subject to the requirements of subchapter C.
- (e) Materials derived from used oil.
- (1) Materials that are reclaimed from used oil that are used beneficially and are not burned for energy recovery or used in a manner constituting disposal (e.g., re-refined lubricants) are:
 - (i) Not used oil and thus are not subject to this chapter, and
 - (ii) Not solid wastes and are thus not subject to the hazardous waste rules of chapters 11-260 through 11-266, 11-268, 11-270, and 11-271 as provided in section 11-261-3(c) (2) (i).
 - (2) Materials produced from used oil that are burned for energy recovery (e.g., used oil fuels) are subject to regulation as used oil under this chapter.
 - (3) Except as provided in paragraph (e) (4), materials derived from used oil that are disposed of or used in a manner constituting disposal are:
 - (i) Not used oil and thus are not subject to this chapter, and
 - (ii) Are solid wastes and thus are subject to the hazardous waste rules of chapters 11-260 through 11-266, 11-268, 11-270, and 11-271 if the materials are listed or identified as hazardous waste.
 - (4) Used oil re-refining distillation bottoms that are used as feedstock to manufacture asphalt products are not subject to this chapter.
- (f) Wastewater. Wastewater, the discharge of which is subject to regulation under either section 402 or section 307(b) of the Federal Clean Water Act (including wastewaters at facilities which have eliminated the discharge of wastewater), contaminated with de minimis quantities of used oil are not subject to the requirements of this chapter. For purposes of this subsection, "de minimis" quantities of used oils are defined as small spills, leaks, or drippings from pumps, machinery, pipes, and other similar equipment during normal operations or small amounts of oil lost to the wastewater treatment system during washing or

draining operations. This exception will not apply if the used oil is discarded as a result of abnormal manufacturing operations resulting in substantial leaks, spills, or other releases, or to used oil recovered from wastewaters.

- (g) Used oil introduced into crude oil pipelines or a petroleum refining facility.
- (1) Used oil mixed with crude oil or natural gas liquids (e.g., in a production separator or crude oil stock tank) for insertion into a crude oil pipeline is exempt from the requirements of this chapter. The used oil is subject to the requirements of this chapter prior to the mixing of used oil with crude oil or natural gas liquids.
 - (2) Mixtures of used oil and crude oil or natural gas liquids containing less than 1% used oil that are being stored or transported to a crude oil pipeline or petroleum refining facility for insertion into the refining process at a point prior to crude distillation or catalytic cracking are exempt from the requirements of this chapter.
 - (3) Used oil that is inserted into the petroleum refining facility process before crude distillation or catalytic cracking without prior mixing with crude oil is exempt from the requirements of this chapter provided that the used oil constitutes less than 1% of the crude oil feed to any petroleum refining facility process unit at any given time. Prior to insertion into the petroleum refining facility process, the used oil is subject to the requirements of this chapter.
 - (4) Except as provided in paragraph (g) (5), used oil that is introduced into a petroleum refining facility process after crude distillation or catalytic cracking is exempt from the requirements of this chapter only if the used oil meets the specification of section 11-279-11. Prior to insertion into the petroleum refining facility process, the used oil is subject to the requirements of this chapter.
 - (5) Used oil that is incidentally captured by a hydrocarbon recovery system or wastewater treatment system as part of routine process operations at a petroleum refining facility and inserted into the petroleum refining facility process is exempt from the requirements of this chapter. This exemption does not extend to used oil which is intentionally introduced into a hydrocarbon recovery system (e.g., by pouring

collected used oil into the waste water treatment system).

- (6) Tank bottoms from stock tanks containing exempt mixtures of used oil and crude oil or natural gas liquids are exempt from the requirements of this chapter.
- (h) Used oil on vessels. Used oil produced on vessels from normal shipboard operations is not subject to this chapter until it is transported ashore.
- (i) Used oil containing PCBs. In addition to the requirements of this chapter, marketers and burners of used oil who market used oil containing any quantifiable level of PCBs are subject to the requirements found at 40 CFR 761.20(e).
- (j) All references in tables and appendices to provisions of the Code of Federal Regulations shall be construed to mean the State rule analogue of the referenced federal regulation (for example, 40 CFR 260.1 shall be construed to mean section 11-260-1 of the Hawaii Administrative Rules). [Eff. **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.10)

§11-279-11 Used oil specifications. Used oil burned for energy recovery, and any fuel produced from used oil by processing, blending, or other treatment, is subject to regulation under this chapter unless it is shown not to exceed any of the allowable levels of the constituents and properties in the specification shown in Table 1. Once used oil that is to be burned for energy recovery has been shown not to exceed any specification and the person making that showing complies with sections 11-279-72, 11-279-73, and 11-279-74(b), the used oil is no longer subject to this chapter.

Table 1-Used Oil Not exceeding Any Specification Level Is Not Subject to This Part When Burned for Energy Recovery¹

Constituent/property	Allowable level
Arsenic	5 ppm maximum.
Cadmium	2 ppm maximum.
Chromium	10 ppm maximum.
Lead	100 ppm maximum.
Flash point	100 °F minimum.

Total halogens
PCBs
Note: Applicable standards for the burning of used oil containing PCBs are also imposed by 40 CFR 761.20(e).

4,000 ppm maximum.²
2 ppm maximum

FOOTNOTE: ¹The specification does not apply to mixtures of used oil and hazardous waste that continue to be regulated as hazardous waste (see section 11-279-10(b)).

FOOTNOTE: ²Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under section 11-279-10(b)(1). Such used oil is subject to subchapter H of chapter 11-266 rather than this chapter when burned for energy recovery unless the presumption of mixing can be successfully rebutted.

[Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.11)

§11-279-12 Prohibitions. (a) Surface impoundment prohibition. Used oil shall not be managed in surface impoundments or waste piles unless the units are subject to regulation under chapter 11-264 or 11-265.

(b) Use as a dust suppressant. The use of used oil as a dust suppressant is prohibited.

(c) Burning in particular units. Off-specification used oil fuel may be burned for energy recovery in only the following devices:

- (1) Industrial furnaces identified in section 11-260-10;
- (2) Boilers, as defined in section 11-260-10, that are identified as follows:
 - (i) Industrial boilers located on the site of a facility engaged in a manufacturing process where substances are transformed into new products, including the component parts of products, by mechanical or chemical processes;
 - (ii) Utility boilers used to produce electric power, steam, heated or cooled air, or other gases or fluids for sale; or
 - (iii) Used oil-fired space heaters provided that the burner meets the provisions of section 11-279-23.
- (3) Hazardous waste incinerators subject to regulation under subchapter O of chapter 11-264 or 11-265. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.12)

SUBCHAPTER C

STANDARDS FOR USED OIL GENERATORS

§11-279-20 Applicability. (a) General. Except as provided in paragraphs (a)(1) through (a)(4), this subchapter applies to all used oil generators. A used oil generator is any person, by site, whose act or process produces used oil or whose act first causes used oil to become subject to regulation.

- (1) Household "do-it-yourselfer" used oil generators. Household "do-it-yourselfer" used oil generators are not subject to regulation under this chapter.
 - (2) Vessels. Vessels at sea or at port are not subject to this subchapter. For purposes of this subchapter, used oil produced on vessels from normal shipboard operations is considered to be generated at the time it is transported ashore. The owner or operator of the vessel and the person(s) removing or accepting used oil from the vessel are co-generators of the used oil and are both responsible for managing the waste in compliance with this subchapter once the used oil is transported ashore. The co-generators may decide among them which party will fulfill the requirements of this subchapter.
 - (3) Diesel fuel. Mixtures of used oil and diesel fuel mixed by the generator of the used oil for use in the generator's own vehicles are not subject to this chapter once the used oil and diesel fuel have been mixed. Prior to mixing, the used oil fuel is subject to the requirements of this subchapter.
 - (4) Farmers. Farmers who generate an average of 25 gallons per month or less of used oil from vehicles or machinery used on the farm in a calendar year are not subject to the requirements of this chapter.
- (b) Other applicable provisions. Used oil generators who conduct the following activities are subject to the requirements of other applicable provisions of this chapter as indicated in paragraphs (b)(1) through (5):
- (1) Generators who transport used oil, except under the self-transport provisions of section 11-279-24(a) and (b), must also comply with subchapter E.
 - (2) (i) Except as provided in paragraph (b)(2)(ii), generators who process or re-refine used oil must also comply with subchapter F.
(ii) Generators who perform the following activities are not processors provided that the used oil is generated on-site and is not being sent off-site to a burner of on- or off-specification used oil fuel.

- (A) Filtering, cleaning, or otherwise reconditioning used oil before returning it for reuse by the generator;
 - (B) Separating used oil from wastewater generated on-site to make the wastewater acceptable for discharge or reuse pursuant to section 402 or section 307(b) of the Federal Clean Water Act or other applicable federal or State regulations governing the management or discharge of wastewaters;
 - (C) Using oil mist collectors to remove small droplets of used oil from in-plant air to make plant air suitable for continued recirculation;
 - (D) Draining or otherwise removing used oil from materials containing or otherwise contaminated with used oil in order to remove excessive oil to the extent possible pursuant to section 11-279-10(c); or
 - (E) Filtering, separating or otherwise reconditioning used oil before burning it in a space heater pursuant to section 11-279-23.
- (3) Generators who burn off-specification used oil for energy recovery, except under the on-site space heater provisions of section 11-279-23, must also comply with subchapter G.
- (4) Generators who direct shipments of off-specification used oil from their facility to a used oil burner or first claim that used oil that is to be burned for energy recovery meets the used oil fuel specifications set forth in section 11-279-11 must also comply with subchapter H.
- (5) Generators who dispose of used oil, must also comply with subchapter I. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.20)

§11-279-21 Hazardous waste mixing. (a) Mixtures of used oil and hazardous waste must be managed in accordance with section 11-279-10(b).

(b) The rebuttable presumption for used oil of section 11-279-10(b)(1)(ii) applies to used oil managed by generators. Under the rebuttable presumption for used oil of section 11-279-10(b)(1)(ii), used oil containing greater than 1,000 ppm total halogens is presumed to be a hazardous waste and thus must be managed as hazardous waste and not as used oil unless the presumption is rebutted. However, the rebuttable presumption does not apply to certain metalworking oils/fluids and certain used oils removed from refrigeration units. [Eff **MAR 13 1999**]

§11-279-21

(Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40
C.F.R. §279.21)

§11-279-22 Used oil storage. Used oil generators are subject to all applicable federal Spill Prevention, Control and Countermeasures (40 CFR part 112) in addition to the requirements of this subchapter. Used oil generators are also subject to the State's underground storage tank standards and any applicable federal standards for used oil stored in underground tanks whether or not the used oil exhibits any characteristics of hazardous waste, in addition to the requirements of this subchapter:

- (a) Storage units. Used oil generators shall not store used oil in units other than tanks, containers, or units subject to regulation under chapter 11-264 or 11-265.
- (b) Condition of units. Containers and aboveground tanks used to store used oil at generator facilities must be:
 - (1) In good condition (no severe rusting, apparent structural defects or deterioration); and
 - (2) Not leaking (no visible leaks).
- (c) Labels.
 - (1) Containers and aboveground tanks used to store used oil at generator facilities must be labeled or marked clearly with the words "Used Oil."
 - (2) Fill pipes used to transfer used oil into underground storage tanks at generator facilities must be labeled or marked clearly with the words "Used Oil."
- (d) Response to releases. Upon detection of a release of used oil to the environment that is not subject to the requirements of the State's underground storage tank rules or any applicable federal underground storage tank regulations and which has occurred after the effective date of the recycled used oil management program in effect in the State, a generator must perform the following cleanup steps:
 - (1) Stop the release;
 - (2) Contain the released used oil;
 - (3) Clean up and manage properly the released used oil and other materials; and
 - (4) If necessary, repair or replace any leaking used oil storage containers or tanks prior to returning them to service. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.22)

§11-279-23 On-site burning in space heaters. Generators may burn used oil in used oil-fired space heaters provided that:

- (a) The heater burns only used oil that the owner or operator generates or used oil received from household do-it-yourself used oil generators;
- (b) The heater is designed to have a maximum capacity of not more than 0.5 million Btu per hour; and
- (c) The combustion gases from the heater are vented to the ambient air. [Eff. **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.23)

§11-279-24 Off-site shipments. Except as provided in subsections (a) through (c), generators must ensure that their used oil is transported only by transporters who have obtained EPA identification numbers and a State permit pursuant to section 11-279-90.

- (a) Self-transportation of small amounts to approved collection centers. Generators may transport, without an EPA identification number, used oil that is generated at the generator's site and used oil collected from household do-it-yourselfers to a used oil collection center provided that:
 - (1) The generator transports the used oil in a vehicle owned by the generator or owned by an employee of the generator;
 - (2) The generator transports no more than 55 gallons of used oil at any time; and
 - (3) The generator transports the used oil to a used oil collection center that is permitted to manage used oil.
- (b) Self-transportation of small amounts to aggregation points owned by the generator. Generators may transport, without an EPA identification number, used oil that is generated at the generator's site to an aggregation point provided that:
 - (1) The generator transports the used oil in a vehicle owned by the generator or owned by an employee of the generator;
 - (2) The generator transports no more than 55 gallons of used oil at any time; and
 - (3) The generator transports the used oil to an aggregation point that is owned and/or operated by the same generator.
- (c) Tolling arrangements. Used oil generators may arrange for used oil to be transported by a transporter without an EPA identification number if the used oil is reclaimed under a contractual agreement pursuant to which reclaimed oil is returned by the processor/refiner to the generator for use as a lubricant,

cutting oil, or coolant. The contract (known as a "tolling arrangement") must indicate:

- (1) The type of used oil and the frequency of shipments;
- (2) That the vehicle used to transport the used oil to the processing/re-refining facility and to deliver recycled used oil back to the generator is owned and operated by the used oil processor/re-refiner; and
- (3) That reclaimed oil will be returned to the generator. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.24)

SUBCHAPTER D

STANDARDS FOR USED OIL COLLECTION CENTERS AND AGGREGATION POINTS

§11-279-30 Do-it-yourselfer used oil collection centers. (a) Applicability. This section applies to owners or operators of all do-it-yourselfer (DIY) used oil collection centers. A DIY used oil collection center is any site or facility that accepts/aggregates and stores used oil collected only from household do-it-yourselfers.

(b) DIY used oil collection center requirements. Owners or operators of all DIY used oil collection centers must comply with the generator standards in subchapter C. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.30)

§11-279-31 Used oil collection centers. (a) Applicability. This section applies to owners or operators of used oil collection centers. A used oil collection center is any site or facility that accepts/aggregates and stores used oil collected from used oil generators regulated under subchapter C who bring used oil to the collection center in shipments of no more than 55 gallons under the provisions of section 11-279-24(a). Used oil collection centers may also accept used oil from household do-it-yourselfers.

(b) Used oil collection center requirements. Owners or operators of all used oil collection centers must:

- (1) Comply with the generator standards in subchapter C; and
- (2) Be permitted to manage used oil. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.31)

§11-279-32 Used oil aggregation points owned by the generator. (a) Applicability. This section applies to owners or operators of all used oil aggregation points. A used oil aggregation point is any site or facility that accepts, aggregates, and/or stores used oil collected only from other used oil generation sites owned or operated by the owner or operator of the aggregation point, from which used oil is transported to the aggregation point in shipments of no more than 55 gallons under the provisions of section 11-279-24(b). Used oil aggregation points may also accept used oil from household do-it-yourselfers.

(b) Used oil aggregation point requirements. Owners or operators of all used oil aggregation points must comply with the generator standards in subchapter C. [Eff. MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.32)

SUBCHAPTER E

STANDARDS FOR USED OIL TRANSPORTER AND TRANSFER FACILITIES

§11-279-40 Applicability. (a) General. Except as provided in paragraphs (a)(1) through (a)(4), this subchapter applies to all used oil transporters. Used oil transporters are persons who transport used oil, persons who collect used oil from more than one generator and transport the collected oil, and owners and operators of used oil transfer facilities.

- (1) This subchapter does not apply to on-site transportation.
- (2) This subchapter does not apply to generators who transport shipments of used oil totalling 55 gallons or less from the generator to a used oil collection center as specified in section 11-279-24(a).
- (3) This subchapter does not apply to generators who transport shipments of used oil totalling 55 gallons or less from the generator to a used oil aggregation point owned or operated by the same generator as specified in section 11-279-24(b).
- (4) This subchapter does not apply to transportation of used oil from household do-it-yourselfers to a regulated used oil generator, collection center, aggregation point, processor/re-refiner, or burner subject to the requirements of this chapter. Except as provided in paragraphs (a)(1) through (a)(3), this subchapter does, however, apply to transportation of collected household do-it-yourselfer used oil from regulated used oil generators, collection centers, aggregation points, or other facilities where household do-it-yourselfer used oil is collected.

(b) Imports and exports. Transporters who import used oil from abroad or export used oil outside of the United States are subject to the requirements of this subchapter from the time the used oil enters and until the time it exits the United States.

(c) Trucks used to transport hazardous waste. Unless trucks previously used to transport hazardous waste are emptied as described in section 11-261-7 prior to transporting used oil, the used oil is considered to have been mixed with the hazardous waste and must be managed as hazardous waste unless, under the provisions of section 11-279-10(b), the hazardous waste/used oil mixture is determined not to be hazardous waste.

(d) Other applicable provisions. Used oil transporters who conduct the following activities are also subject to other applicable provisions of this chapter as indicated in paragraphs (d)(1) through (6):

- (1) Transporters who generate used oil must also comply with subchapter C;
- (2) Transporters who process or re-refine used oil, except as provided in section 11-279-41, must also comply with subchapter F;
- (3) Transporters who burn off-specification used oil for energy recovery must also comply with subchapter G;
- (4) Transporters who direct shipments of off-specification used oil from their facility to a used oil burner or first claim that used oil that is to be burned for energy recovery meets the used oil fuel specifications set forth in section 11-279-11 must also comply with subchapter H;
- (5) Transporters who dispose of used oil, must also comply with subchapter I; and
- (6) Used oil transporters are also subject to the requirements of section 11-279-90. [Eff MAR 13 1999
] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.40)

§11-279-41 Restrictions on transporters who are not also processors or re-refiners. (a) Used oil transporters may consolidate or aggregate loads of used oil for purposes of transportation. However, except as provided in subsection (b), used oil transporters may not process used oil unless they also comply with the requirements for processors/re-refiners in subchapter F.

(b) Transporters may conduct incidental processing operations, subject to the requirements of section 11-279-90, that occur in the normal course of used oil transportation (e.g., settling and then water separation), but that are not designed to produce (or make more amenable for production of) used oil derived products unless they also comply with the processor/re-refiner requirements in subchapter F.

(c) Transporters of used oil that is removed from oil bearing electrical transformers and turbines and filtered by the transporter or at a transfer facility prior to being returned to its original use are not subject to the processor/re-refiner requirements in subchapter F. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.41)

§11-279-42. Notification. (a) Identification numbers. Used oil transporters who have not previously complied with the notification requirements of section 342J-6.5, HRS must comply with these requirements and obtain an EPA identification number.

(b) Mechanics of notification. A used oil transporter who has not received an EPA identification number may obtain one by notifying the director of its used oil activity by submitting either:

- (1) A completed EPA Form 8700-12 (To obtain ordering information for EPA Form 8700-12 call the department at (808) 586-4226 or the federal RCRA/Superfund Hotline at 1-800-424-9346 or 703-920-9810); or
- (2) A letter requesting an EPA identification number. The letter should include the following information:
 - (i) Transporter company name;
 - (ii) Owner of the transporter company;
 - (iii) Mailing address for the transporter;
 - (iv) Name and telephone number for the transporter point of contact;
 - (v) Type of transport activity (i.e., transport only, transport and transfer facility, transfer facility only);
 - (vi) Location of all transfer facilities at which used oil is stored;
 - (vii) Name and telephone number for a contact at each transfer facility. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.42)

§11-279-43. Used oil transportation. (a) Deliveries. A used oil transporter must deliver all used oil received to:

- (1) Another used oil transporter, provided that the transporter has obtained an EPA identification number;
- (2) A used oil processing/re-refining facility who has obtained an EPA identification number;
- (3) An off-specification used oil burner facility who has obtained an EPA identification number; or
- (4) An on-specification used oil burner facility.

(b) United States Department of Transportation Requirements. Used oil transporters must comply with all applicable requirements under the United States Department of

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Transportation regulations in 49 CFR parts 171 through 180. Persons transporting used oil that meets the definition of a hazardous material in 49 CFR 171.8 must comply with all applicable regulations in 49 CFR parts 171 through 180.

(c) Used oil discharges:

- (1) In the event of a discharge of used oil during transportation, the transporter must take appropriate immediate action to protect human health and the environment (e.g., notify local authorities, dike the discharge area).
- (2) If a discharge of used oil occurs during transportation and an official (State or county government or a federal agency) acting within the scope of official responsibilities determines that immediate removal of the used oil is necessary to protect human health or the environment, that official may authorize the removal of the used oil by transporters who do not have EPA identification numbers.
- (3) An air, rail, highway, or water transporter who has discharged used oil must:
 - (i) Give notice to the Hawaii Department of Health's Hazard Evaluation and Emergency Response Office via the State Hospital at (808) 247-2191 after business hours or directly at (808) 586-4249 during business hours and, if required by 49 CFR 171.15, to the federal National Response Center (800-424-8802 or 202-426-2675); and
 - (ii) Report in writing as required by 49 CFR 171.16 to the Director, Office of Hazardous Materials Regulations, Materials Transportation Bureau, United States Department of Transportation, Washington, DC 20590.
- (4) A water transporter who has discharged used oil must give notice as required by 33 CFR 153.203.
- (5) A transporter must clean up any used oil discharge that occurs during transportation or take such action as may be required or approved by federal, State, or county officials so that the used oil discharge no longer presents a hazard to human health or the environment.

(d) Acceptable materials. Only used oil and used oil fuel shall be accepted during any pickup or delivery. The transporter shall not deliver any oil to any person with the knowledge that the oil will be improperly used or disposed of. [Eff
MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.43)

§11-279-44

Rebuttable presumption for used oil. (a)

To ensure that used oil is not a hazardous waste under the rebuttable presumption of section 11-279-10(b)(1)(ii), the used

oil transporter must determine whether the total halogen content of used oil being transported or stored at a transfer facility is above or below 1,000 ppm.

(b) The transporter must make this determination by:

- (1) Testing the used oil; or
- (2) Applying knowledge of the halogen content of the used oil in light of the materials or processes used.

(c) If the used oil contains greater than or equal to 1,000 ppm total halogens, it is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste listed in subchapter D of chapter 11-261. The owner or operator may rebut the presumption by demonstrating that the used oil does not contain hazardous waste (for example, by using an analytical method from SW-846, Edition III, to show that the used oil does not contain significant concentrations of halogenated hazardous constituents listed in Appendix VIII of chapter 11-261). EPA Publication SW-846, Third Edition, is available from the United States Government Printing Office, Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250-7954. (202) 783-3238 (document number 955-001-00000-1).

- (1) The rebuttable presumption does not apply to metalworking oils/fluids containing chlorinated paraffins, if they are processed, through a tolling arrangement as described in section 11-279-24(c), to reclaim metalworking oils/fluids. The presumption does apply to metalworking oils/fluids if such oils/fluids are recycled in any other manner, or disposed.
- (2) The rebuttable presumption does not apply to used oils contaminated with chlorofluorocarbons (CFCs) removed from refrigeration units if the CFC are destined for reclamation. The rebuttable presumption does apply to used oils contaminated with CFCs that have been mixed with used oil from sources other than refrigeration units.

(d) Record retention. Records of analyses conducted or information used to comply with subsections (a), (b), and (c) must be maintained by the transporter for at least 3 years.

[Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.44)

§11-279-45 Used oil storage at transfer facilities.

Used oil transporters are subject to all applicable federal Spill Prevention, Control and Countermeasures (40 CFR part 112) in addition to the requirements of this subchapter. Used oil transporters are also subject to the State's underground storage tank rules and applicable federal standards for used oil stored in underground tanks whether or not the used oil exhibits any characteristics of hazardous waste, in addition to the requirements of this subchapter.

- (a) Applicability. This section applies to used oil transfer facilities. Used oil transfer facilities are transportation related facilities including loading docks, parking areas, storage areas, and other areas where shipments of used oil are held for more than 24 hours during the normal course of transportation and not longer than 35 days. Transfer facilities that store used oil for more than 35 days are subject to regulation under subchapter F.
- (b) Storage units. Owners or operators of used oil transfer facilities may not store used oil in units other than tanks, containers, or units subject to regulation under chapter 11-264 or 11-265.
- (c) Condition of units. Containers and aboveground tanks used to store used oil at transfer facilities must be:
 - (1) In good condition (no severe rusting, apparent structural defects or deterioration); and
 - (2) Not leaking (no visible leaks).
- (d) Secondary containment for containers. Containers used to store used oil at transfer facilities must be equipped with a secondary containment system.
 - (1) The secondary containment system must consist of, at a minimum:
 - (i) Dikes, berms or retaining walls; and
 - (ii) A floor. The floor must cover the entire area within the dikes, berms, or retaining walls; or
 - (iii) An equivalent secondary containment system.
 - (2) The entire containment system, including walls and floors, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out of the system to the soil, groundwater, or surface water.
- (e) Secondary containment for existing aboveground tanks. Existing aboveground tanks used to store used oil at transfer facilities must be equipped with a secondary containment system.
 - (1) The secondary containment system must consist of, at a minimum:
 - (i) Dikes, berms or retaining walls; and
 - (ii) A floor. The floor must cover the entire area within the dike, berm, or retaining wall except areas where existing portions of the tank meet the ground; or
 - (iii) An equivalent secondary containment system.
 - (2) The entire containment system, including walls and floors, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out of the system to the soil, groundwater, or surface water.

- (f) Secondary containment for new aboveground tanks. New aboveground tanks used to store used oil at transfer facilities must be equipped with a secondary containment system.
- (1) The secondary containment system must consist of, at a minimum:
 - (i) Dikes, berms or retaining walls; and
 - (ii) A floor. The floor must cover the entire area within the dike, berm, or retaining wall; or
 - (iii) An equivalent secondary containment system.
 - (2) The entire containment system, including walls and floors, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out of the system to the soil, groundwater, or surface water.
- (g) Labels.
- (1) Containers and aboveground tanks used to store used oil at transfer facilities must be labeled or marked clearly with the words "Used Oil."
 - (2) Fill pipes used to transfer used oil into underground storage tanks at transfer facilities must be labeled or marked clearly with the words "Used Oil."
- (h) Response to releases. Upon detection of a release of used oil to the environment that is not subject to the requirements of the State's underground storage tank rules or any applicable federal underground storage tank regulations and which has occurred after the effective date of the recycled used oil management program in effect in the State, the owner/operator of a transfer facility must perform the following cleanup steps:
- (1) Stop the release;
 - (2) Contain the released used oil;
 - (3) Clean up and manage properly the released used oil and other materials; and
 - (4) If necessary, repair or replace any leaking used oil storage containers or tanks prior to returning them to service. [Eff. MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.45)

§11-279-46 Tracking. (a) Acceptance. Used oil transporters must keep a record of each used oil shipment accepted for transport. Records for each shipment must include:

- (1) The name and address of the generator, transporter, or processor/re-refiner who provided the used oil for transport;

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- (2) The EPA identification number (if applicable) of the generator, transporter, or processor/re-refiner who provided the used oil for transport;
 - (3) The quantity of used oil accepted;
 - (4) The date of acceptance; and
 - (5)
 - (i) Except as provided in subparagraph (a)(5)(ii), the signature, dated upon receipt of the used oil, of a representative of the generator, transporter, or processor/re-refiner who provided the used oil for transport.
 - (ii) Intermediate rail transporters are not required to sign the record of acceptance.
- (b) Deliveries. Used oil transporters must keep a record of each shipment of used oil that is delivered to another used oil transporter, or to a used oil burner, processor/re-refiner, or disposal facility. Records of each delivery must include:
- (1) The name and address of the receiving facility or transporter;
 - (2) The EPA identification number of the receiving facility or transporter;
 - (3) The quantity of used oil delivered;
 - (4) The date of delivery;
 - (5)
 - (i) Except as provided in subparagraph (b)(5)(ii), the signature, dated upon receipt of the used oil, of a representative of the receiving facility or transporter.
 - (ii) Intermediate rail transporters are not required to sign the record of delivery.
- (c) Exports of used oil. Used oil transporters must maintain the records described in paragraphs (b)(1) through (b)(4) for each shipment of used oil exported to any foreign country.
- (d) Record retention. The records described in subsections (a), (b), and (c) must be maintained for at least three years.
- [Eff 342J-52) MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.46)

§11-279-47 Management of residues. Transporters who generate residues from the storage or transport of used oil must manage the residues as specified in section 11-279-10(e). [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.47)

§11-279-48 Annual report. At a minimum, the permittee who is a transporter shall submit an annual report for the twelve-month period ending June 30. The report shall be submitted to the director not later than thirty days after June 30 of each year. The report shall detail the volume or weight of

the incoming used oil and the salvageable used oil recovered and how they were disposed. [Eff MAR 13 1999] (Auth: HRS §342J-52) (Imp: None)

SUBCHAPTER F

STANDARDS FOR USED OIL PROCESSORS AND RE-REFINERS

§11-279-50 Applicability. (a) The requirements of this subchapter apply to owners and operators of facilities that process used oil. Processing means chemical or physical operations designed to produce from used oil, or to make used oil more amenable for production of, fuel oils, lubricants, or other used oil-derived products. Processing includes, but is not limited to: blending used oil with virgin petroleum products, blending used oils to meet the fuel specification, filtration, simple distillation, chemical or physical separation and re-refining. The requirements of this subchapter do not apply to:

- (1) Transporters that conduct incidental processing operations that occur during the normal course of transportation as provided in section 11-279-41; or
- (2) Burners that conduct incidental processing operations that occur during the normal course of used oil management prior to burning as provided in section 11-279-61(b).

(b) Other applicable provisions. Used oil processors/re-refiners who conduct the following activities are also subject to the requirements of other applicable provisions of this chapter as indicated in paragraphs (b)(1) through (b)(6).

- (1) Processors/re-refiners who generate used oil must also comply with subchapter C;
- (2) Processors/re-refiners who transport used oil must also comply with subchapter E;
- (3) Except as provided in subparagraphs (b)(3)(i) and (b)(3)(ii), processors/re-refiners who burn off-specification used oil for energy recovery must also comply with subchapter G. Processor/re-refiners burning used oil for energy recovery under the following conditions are not subject to subchapter G:
 - (i) The used oil is burned in an on-site space heater that meets the requirements of section 11-279-23; or
 - (ii) The used oil is burned for purposes of processing used oil, which is considered burning incidentally to used oil processing;
- (4) Processors/re-refiners who direct shipments of off-specification used oil from their facility to a used oil burner or first claim that used oil that is to be burned for energy recovery meets the used oil fuel

- specifications set forth in section 11-279-11 must also comply with subchapter H;
- (5) Processors/re-refiners who dispose of used oil, including the use of used oil as a dust suppressant, also must comply with subchapter I; and
 - (6) Used oil processors/re-refiners are also subject to the requirements of § 11-279-90. [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.50)

§11-279-51 Notification. (a) Identification numbers. Used oil processors and re-refiners who have not previously complied with the notification requirements of section 342J-6.5, HRS must comply with these requirements and obtain an EPA identification number.

(b) Mechanics of notification. A used oil processor or re-refiner who has not received an EPA identification number may obtain one by notifying the director of its used oil activity by submitting either:

- (1) A completed EPA Form 8700-12 (To obtain EPA Form 8700-12 call the department at (808) 586-4226 or the RCRA/Superfund Hotline at 1-800-424-9346 or 703-920-9810); or
- (2) A letter requesting an EPA identification number. The letter should include the following information:
 - (i) Processor or re-refiner company name;
 - (ii) Owner of the processor or re-refiner company;
 - (iii) Mailing address for the processor or re-refiner;
 - (iv) Name and telephone number for the processor or re-refiner point of contact;
 - (v) Type of used oil activity (i.e., process only, process and re-refine);
 - (vi) Location of the processor or re-refiner facility. [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.51)

§11-279-52 General facility standards. (a) Preparedness and prevention. Owners and operators of used oil processing and re-refining facilities must comply with the following requirements:

- (1) Maintenance and operation of facility. Facilities must be maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of used oil to air, soil, or surface water which could threaten human health or the environment.
- (2) Required equipment. All facilities must be equipped with the following, unless none of the hazards posed by

used oil handled at the facility could require a particular kind of equipment specified in subparagraphs (a) (2) (i) through (iv):

- (i) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel;
 - (ii) A device, such as a telephone (immediately available at the scene of operations) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams;
 - (iii) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment and decontamination equipment; and
 - (iv) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
- (3) Testing and maintenance of equipment. All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment, where required, must be tested and maintained as necessary to assure its proper operation in time of emergency.
- (4) Access to communications or alarm system.
- (i) Whenever used oil is being poured, mixed, spread, or otherwise handled, all personnel involved in the operation must have immediate access to an internal alarm or emergency communication device, either directly or through visual or voice contact with another employee, unless such a device is not required in paragraph (a) (2).
 - (ii) If there is ever just one employee on the premises while the facility is operating, the employee must have immediate access to a device, such as a telephone (immediately available at the scene of operation) or a hand-held two-way radio, capable of summoning external emergency assistance, unless such a device is not required in paragraph (a) (2).
- (5) Required aisle space. The owner or operator must maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.
- (6) Arrangements with local authorities.
- (i) The owner or operator must attempt to make the following arrangements, as appropriate for the

type of used oil handled at the facility and the potential need for the services of these organizations:

- (A) Arrangements to familiarize police, fire departments, and emergency response teams with the layout of the facility, properties of used oil handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to roads inside the facility, and possible evacuation routes;
 - (B) Where more than one police and fire department might respond to an emergency, agreements designating primary emergency authority to a specific police and a specific fire department, and agreements with any others to provide support to the primary emergency authority;
 - (C) Agreements with State emergency response teams, emergency response contractors, and equipment suppliers; and
 - (D) Arrangements to familiarize local hospitals with the properties of used oil handled at the facility and the types of injuries or illnesses which could result from fires, explosions, or releases at the facility.
- (ii) Where State or local authorities decline to enter into such arrangements, the owner or operator must document the refusal in the operating record.
- (b) Contingency plan and emergency procedures. Owners and operators of used oil processing and re-refining facilities must comply with the following requirements:
- (1) Purpose and implementation of contingency plan.
 - (i) Each owner or operator must have a contingency plan for the facility. The contingency plan must be designed to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of used oil to air, soil, or surface water.
 - (ii) The provisions of the plan must be carried out immediately whenever there is a fire, explosion, or release of used oil which could threaten human health or the environment.
 - (2) Content of contingency plan.
 - (i) The contingency plan must describe the actions facility personnel must take to comply with paragraphs (b) (1) and (6) in response to fires, explosions, or any unplanned sudden or non-sudden release of used oil to air, soil, or surface water at the facility.

- (ii) If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) Plan in accordance with 40 CFR part 112, or 5 CFR part 1510, or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate used oil management provisions that are sufficient to comply with the requirements of this chapter.
 - (iii) The plan must describe arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services, pursuant to paragraph (a)(6).
 - (iv) The plan must list names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinator (see paragraph (b)(5)), and this list must be kept up to date. Where more than one person is listed, one must be named as primary emergency coordinator and others must be listed in the order in which they will assume responsibility as alternates.
 - (v) The plan must include a list of all emergency equipment at the facility (such as fire extinguishing systems, spill control equipment, communications and alarm systems (internal and external), and decontamination equipment), where this equipment is required. This list must be kept up to date. In addition, the plan must include the location and a physical description of each item on the list, and a brief outline of its capabilities.
 - (vi) The plan must include an evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes (in cases where the primary routes could be blocked by releases of used oil or fires).
- (3) Copies of contingency plan. A copy of the contingency plan and all revisions to the plan must be:
- (i) Maintained at the facility; and
 - (ii) Submitted to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
- (4) Amendment of contingency plan. The contingency plan must be reviewed, and immediately amended, if necessary, whenever:
- (i) Applicable regulations are revised;
 - (ii) The plan fails in an emergency;

- (iii) The facility changes -- in its design, construction, operation, maintenance, or other circumstances -- in a way that materially increases the potential for fires, explosions, or releases of used oil, or changes the response necessary in an emergency;
 - (iv) The list of emergency coordinators changes; or
 - (v) The list of emergency equipment changes.
- (5) Emergency coordinator. At all times, there must be at least one employee either on the facility premises or on call (i.e., available to respond to an emergency by reaching the facility within a short period of time) with the responsibility for coordinating all emergency response measures. This emergency coordinator must be thoroughly familiar with all aspects of the facility's contingency plan, all operations and activities at the facility, the location and characteristic of used oil handled, the location of all records within the facility, and facility layout. In addition, this person must have the authority to commit the resources needed to carry out the contingency plan.
- Guidance: The emergency coordinator's responsibilities are more fully spelled out in paragraph (b)(6). Applicable responsibilities for the emergency coordinator vary, depending on factors such as type and variety of used oil handled by the facility, and type and complexity of the facility.
- (6) Emergency procedures.
- (i) Whenever there is an imminent or actual emergency situation, the emergency coordinator (or the designee when the emergency coordinator is on call) must immediately:
 - (A) Activate internal facility alarms or communication systems, where applicable, to notify all facility personnel; and
 - (B) Notify appropriate State or local agencies with designated response roles if their help is needed.
 - (ii) Whenever there is a release, fire, or explosion, the emergency coordinator must immediately identify the character, exact source, amount, and a real extent of any released materials. He or she may do this by observation or review of facility records of manifests and, if necessary, by chemical analysts.
 - (iii) Concurrently, the emergency coordinator must assess possible hazards to human health or the environment that may result from the release, fire, or explosion. This assessment must consider both direct and indirect effects of the release,

- fire, or explosion (e.g., the effects of any toxic, irritating, or asphyxiating gases that are generated, or the effects of any hazardous surface water run-offs from water of chemical agents used to control fire and heat-induced explosions).
- (iv) If the emergency coordinator determines that the facility has had a release, fire, or explosion which could threaten human health, or the environment, outside the facility, he or she must report his or her findings as follows:
- (A) If his or her assessment indicated that evacuation of local areas may be advisable, he or she must immediately notify appropriate local authorities. He or she must be available to help appropriate officials decide whether local areas should be evacuated; and
 - (B) He or she must immediately notify either the government official designated as the on-scene coordinator from the Hawaii Department of Health's Hazard Evaluation and Emergency Response Office via the State Hospital at (808) 247-2191 after business hours or directly at (808) 586-4249 during business hours or the federal National Response Center (using their 24-hour toll free number 800/424-8802). The report must include:
 - (1) Name and telephone number of reporter;
 - (2) Name and address of facility;
 - (3) Time and type of incident (e.g., release, fire);
 - (4) Name and quantity of material(s) involved, to the extent known;
 - (5) The extent of injuries, if any; and
 - (6) The possible hazards to human health, or the environment, outside the facility.
- (v) During an emergency, the emergency coordinator must take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other used oil or hazardous waste at the facility. These measures must include, where applicable, stopping processes and operation, collecting and containing released used oil, and removing or isolating containers.
- (vi) If the facility stops operation in response to a fire, explosion, or release, the emergency coordinator must monitor for leaks, pressure buildup, gas generation, or ruptures in valves, pipes, or other equipment, wherever this is appropriate.

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- (vii) Immediately after an emergency, the emergency coordinator must provide for recycling, storing, or disposing of recovered used oil, contaminated soil or surface water, or any other material that results from a release, fire, or explosion at the facility.
- (viii) The emergency coordinator must ensure that, in the affected area(s) of the facility:
 - (A) No waste or used oil that may be incompatible with the released material is recycled, treated, stored, or disposed of until cleanup procedures are completed; and
 - (B) All emergency equipment listed in the contingency plan is cleaned and fit for its intended use before operations are resumed.
 - (C) The owner or operator must notify the director, and appropriate State and local authorities that the facility is in compliance with clauses (b) (6) (viii) (A) and (B) before operations are resumed in the affected area(s) of the facility.
- (ix) The owner or operator must note in the operating record the time, date and details of any incident that requires implementing the contingency plan. Within 15 days after the incident, he or she must submit a written report on the incident to the director. The report must include:
 - (A) Name, address, and telephone number of the owner or operator;
 - (B) Name, address, and telephone number of the facility;
 - (C) Date, time, and type of incident (e.g., fire, explosion);
 - (D) Name and quantity of material(s) involved;
 - (E) The extent of injuries, if any;
 - (F) An assessment of actual or potential hazards to human health or the environment, where this is applicable;
 - (G) Estimated quantity and disposition of recovered material that resulted from the incident. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.52)

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Rebuttable presumption for used oil. (a)

To ensure that used oil managed at a processing/re-refining facility is not hazardous waste under the rebuttable presumption of section 11-279-10(b) (1) (ii), the owner or operator of a used oil processing/re-refining facility must determine whether the

total halogen content of used oil managed at the facility is above or below 1,000 ppm.

(b) The owner or operator must make this determination by:

- (1) Testing the used oil; or
- (2) Applying knowledge of the halogen content of the used oil in light of the materials or processes used.

(c) If the used oil contains greater than or equal to 1,000 ppm total halogens, it is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste listed in subchapter D of chapter 11-261. The owner or operator may rebut the presumption by demonstrating that the used oil does not contain hazardous waste (for example, by using an analytical method from SW-846, Edition III, to show that the used oil does not contain significant concentrations of halogenated hazardous constituents listed in appendix VIII of chapter 11-261). EPA Publication SW-846, Third Edition, is available from the United States Government Printing Office, Superintendent of Documents, P.O. Box 371954, Pittsburgh PA 15250-7954, (202) 521-1800 (document number 955-001-00000-1).

- (1) The rebuttable presumption does not apply to metalworking oils/fluids containing chlorinated paraffins, if they are processed, through a tolling agreement, to reclaim metalworking oils/fluids. The presumption does apply to metalworking oils/fluids if such oils/fluids are recycled in any other manner, or disposed.
- (2) The rebuttable presumption does not apply to used oils contaminated with chlorofluorocarbons (CFCs) removed from refrigeration units where the CFCs are destined for reclamation. The rebuttable presumption does apply to used oils contaminated with CFCs that have been mixed with used oil from sources other than refrigeration units. [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.53)

§11-279-54 Used oil management. Used oil processor/re-refiners are subject to all applicable Spill Prevention, Control and Countermeasures (40 CFR part 112) in addition to the requirements of this subchapter. Used oil processors/re-refiners are also subject to the State's underground storage tank rules and all applicable federal underground storage tank (40 CFR part 280) standards for used oil stored in underground tanks whether or not the used oil exhibits any characteristics of hazardous waste, in addition to the requirements of this subchapter.

- (a) Management units. Used oil processors/re-refiners may not store used oil in units other than tanks,

- containers, or units subject to regulation under chapter 11-264 or 11-265.
- (b) Condition of units. Containers and aboveground tanks used to store or process used oil at processing and re-refining facilities must be:
 - (1) In good condition (no severe rusting, apparent structural defects or deterioration); and
 - (2) Not leaking (no visible leaks).
 - (c) Secondary containment for containers. Containers used to store or process used oil at processing and re-refining facilities must be equipped with a secondary containment system.
 - (1) The secondary containment system must consist of, at a minimum:
 - (i) Dikes, berms or retaining walls; and
 - (ii) A floor. The floor must cover the entire area within the dike, berm, or retaining wall; or
 - (iii) An equivalent secondary containment system.
 - (2) The entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out of the system to the soil, groundwater, or surface water.
 - (d) Secondary containment for existing aboveground tanks. Existing aboveground tanks used to store or process used oil at processing and re-refining facilities must be equipped with a secondary containment system.
 - (1) The secondary containment system must consist of, at a minimum:
 - (i) Dikes, berms or retaining walls; and
 - (ii) A floor. The floor must cover the entire area within the dike, berm, or retaining wall except areas where existing portions of the tank meet the ground; or
 - (iii) An equivalent secondary containment system.
 - (2) The entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out of the system to the soil, groundwater, or surface water.
 - (e) Secondary containment for new aboveground tanks. New aboveground tanks used to store or process used oil at processing and re-refining facilities must be equipped with a secondary containment system.
 - (1) The secondary containment system must consist of, at a minimum:
 - (i) Dikes, berms or retaining walls; and
 - (ii) A floor. The floor must cover the entire area within the dike, berm, or retaining wall; or
 - (iii) An equivalent secondary containment system.

- (2) The entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out of the system to the soil, groundwater, or surface water.
- (f) Labels.
- (1) Containers and aboveground tanks used to store or process used oil at processing and re-refining facilities must be labeled or marked clearly with the words "Used Oil."
 - (2) Fill pipes used to transfer used oil into underground storage tanks at processing and re-refining facilities must be labeled or marked clearly with the words "Used Oil."
- (g) Response to releases. Upon detection of a release of used oil to the environment that is not subject to the requirements of the State's underground storage tank rules or any applicable federal underground storage tank regulations and which has occurred after the effective date of the recycled used oil management program in effect in the State, an owner/operator must perform the following cleanup steps:
- (1) Stop the release;
 - (2) Contain the released used oil;
 - (3) Clean up and manage properly the released used oil and other materials; and
 - (4) If necessary, repair or replace any leaking used oil storage containers or tanks prior to returning them to service.
- (h) Closure. --
- (1) Aboveground tanks. Owners and operators who store or process used oil in aboveground tanks must comply with the following requirements:
 - (i) At closure of a tank system, the owner or operator must remove or decontaminate used oil residues in tanks, contaminated containment system components, contaminated soils, and structures and equipment contaminated with used oil, and manage them as hazardous waste, unless the materials are not hazardous waste under chapter 342J, HRS or the rules promulgated thereunder.
 - (ii) If the owner or operator demonstrates that not all contaminated soils can be practicably removed or decontaminated as required in subparagraph (h) (1) (i), then the owner or operator must close the tank system and perform post-closure care in accordance with the closure and post-closure care

- requirements that apply to hazardous waste landfills (section 11-265-310).
- (2) Containers. Owners and operators who store used oil in containers must comply with the following requirements:
- (i) At closure, containers holding used oils or residues of used oil must be removed from the site;
 - (ii) The owner or operator must remove or decontaminate used oil residues, contaminated containment system components, contaminated soils, and structures and equipment contaminated with used oil, and manage them as hazardous waste, unless the materials are not hazardous waste under chapter 11-261.
[Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.54)

§11-279-55 Analysis plan. Owners or operators of used oil processing and re-refining facilities must develop and follow a written analysis plan describing the procedures that will be used to comply with the analysis requirements of section 11-279-53 and, if applicable, section 11-279-72. The owner or operator must keep the plan at the facility.

(a) Rebuttable presumption for used oil in section 11-279-53. At at minimum, the plan must specify the following:

(1) Whether sample analyses or knowledge of the halogen content of the used oil will be used to make this determination.

(2) If sample analyses are used to make this determination:

(i) The sampling method used to obtain representative samples to be analyzed. A representative sample may be obtained using either:

(A) One of the sampling methods in appendix I of chapter 11-261; or

(B) [Reserved];

(ii) The frequency of sampling to be performed, and whether the analysis will be performed on-site or off-site; and

(iii) The methods used to analyze used oil for the parameters specified in section 11-279-53; and

(3) The type of information that will be used to determine the halogen content of the used oil.

(b) On-specification used oil fuel in section 11-279-72. At a minimum, the plan must specify the following if section 11-279-72 is applicable:

- (1) Whether sample analyses or other information will be used to make this determination;
- (2) If sample analyses are used to make this determination:
 - (i) The sampling method used to obtain representative samples to be analyzed. A representative sample may be obtained using either:
 - (A) One of the sampling methods in appendix I of chapter 11-261; or
 - (B) [Reserved];
 - (ii) Whether used oil will be sampled and analyzed prior to or after any processing/re-refining;
 - (iii) The frequency of sampling to be performed, and whether the analysis will be performed on-site or off-site; and
 - (iv) The methods used to analyze used oil for the parameters specified in section 11-279-72; and
- (3) The type of information that will be used to make the on-specification used oil fuel determination.

[Eff. **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.55)

§11-279-56 Tracking. (a) Acceptance. Used oil processors/re-refiners must keep a record of each used oil shipment accepted for processing/re-refining. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

- (1) The name and address of the transporter who delivered the used oil to the processor/re-refiner;
- (2) The name and address of the generator or processor/re-refining from whom the used oil was sent for processing/re-refining;
- (3) The EPA identification number of the transporter who delivered the used oil to the processor/re-refiner;
- (4) The EPA identification number (if applicable) of the generator or processor/re-refiner from whom the used oil was sent for processing/re-refining;
- (5) The quantity of used oil accepted; and
- (6) The date of acceptance.

(b) Delivery. Used oil processor/re-refiners must keep a record of each shipment of used oil that is shipped to a used oil burner, processor/re-refiner, or disposal facility. These records may take the form of a log, invoice, manifest, bill of

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loading or other shipping documents. Records for each shipment must include the following information:

- (1) The name and address of the transporter who delivers the used oil to the burner, processor/re-refiner or disposal facility;
- (2) The name and address of the burner, processor/re-refiner or disposal facility who will receive the used oil;
- (3) The EPA identification number of the transporter who delivers the used oil to the burner, processor/re-refiner or disposal facility;
- (4) The EPA identification number of the burner, processor/re-refiner, or disposal facility who will receive the used oil;
- (5) The quantity of used oil shipped; and
- (6) The date of shipment.

(c) Record retention. The records described in subsections (a) and (b) must be maintained for at least three years. [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.56)

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Operating record and reporting. (a)

Operating record.

- (1) The owner or operator must keep a written operating record at the facility.
- (2) The following information must be recorded, as it becomes available, and maintained in the operating record until closure of the facility:
 - (i) Records and results of used oil analyses performed as described in the analysis plan required under section 11-279-55; and
 - (ii) Summary reports and details of all incidents that require implementation of the contingency plan as specified in section 11-279-52(b).

(b) Biennial Reporting. A used oil processor/re-refiner must report to the director, in the form of a letter, on a biennial basis (by March 1 of each even numbered year), the following information concerning used oil activities during the previous calendar year;

- (1) The EPA identification number, name, and address of the processor/re-refiner;
- (2) The calendar year covered by the report; and
- (3) The quantities of used oil accepted for processing/re-refining and the manner in which the used oil is processed/re-refined, including the specific processes employed.

(c) Annual Reporting. At a minimum, the permittee shall submit an annual report for the twelve-month period ending June 30. The report shall be submitted to the director not later than

thirty days after June 30 of each year. The report shall detail the volume or weight of the incoming used oil and the salvageable used oil recovered and how they were disposed. [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.57)

§11-279-58 Off-site shipments of used oil. Used oil processors/re-refiners who initiate shipments of used oil off-site must ship the used oil using a used oil transporter who has obtained an EPA identification number. [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.58)

§11-279-59 Management of residues. Owners and operators who generate residues from the storage, processing, or re-refining of used oil must manage the residues as specified in section 11-279-10(e). [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.59)

SUBCHAPTER G

STANDARDS FOR USED OIL BURNERS WHO BURN OFF-SPECIFICATION USED OIL FOR ENERGY RECOVERY

§11-279-60 Applicability. (a) General. The requirements of this subchapter apply to used oil burners except as specified in paragraphs (a)(1) and (a)(2). A used oil burner is a facility where used oil not meeting the specification requirements in section 11-279-11 is burned for energy recovery in devices identified in section 11-279-61(a). Facilities burning used oil for energy recovery under the following conditions are not subject to this subchapter:

- (1) The used oil is burned by the generator in an on-site space heater under the provisions of section 11-279-23; or
 - (2) The used oil is burned by a processor/re-refiner for purposes of processing used oil, which is considered burning incidentally to used oil processing.
- (b) Other applicable provisions. Used oil burners who conduct the following activities are also subject to the requirements of other applicable provisions of this chapter as indicated below.
- (1) Burners who generate used oil must also comply with subchapter C;
 - (2) Burners who transport used oil must also comply with subchapter E;

- (3) Except as provided in section 11-279-61(b), burners who process or re-refine used oil must also comply with subchapter F;
 - (4) Burners who direct shipments of off-specification used oil from their facility to a used oil burner or first claim that used oil that is to be burned for energy recovery meets the used oil fuel specifications set forth in section 11-279-11 must also comply with subchapter H;
 - (5) Burners who dispose of used oil must comply with subchapter I; and
 - (6) Used oil burners are also subject to the clean air requirements of sections 11-60.1-62 and 11-60.1-82.
- (c) Specification fuel. This subchapter does not apply to persons burning used oil that meets the used oil fuel specification of section 11-279-11, provided that the burner complies with the requirements of subchapter H. [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.60)

§11-279-61 Restrictions on burning. (a) Off-specification used oil fuel may be burned for energy recovery in only the following devices:

- (1) Industrial furnaces identified in section 11-260-10;
 - (2) Boilers, as defined in section 11-260-10, that are identified as follows:
 - (i) Industrial boilers located on the site of a facility engaged in a manufacturing process where substances are transformed into new products, including the component parts of products, by mechanical or chemical processes;
 - (ii) Utility boilers used to produce electric power, steam, heated or cooled air, or other gases or fluids for sale; or
 - (iii) Used oil-fired space heaters provided that the burner meets the provisions of section 11-279-23; or
 - (3) Hazardous waste incinerators subject to regulation under subchapter O of chapter 11-264 or 11-265.
- (b) (1) With the following exception, used oil burners may not process used oil unless they also comply with the requirements of subchapter F.
- (2) Used oil burners may aggregate off-specification used oil with virgin oil or on-specification used oil for purposes of burning, but may not aggregate for purposes of producing on-specification used oil. [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.61)

§11-279-62 Notification. (a) Identification numbers. Used oil burners which have not previously complied with the notification requirements of section 342J-6.5, HRS must comply with these requirements and obtain an EPA identification number.

(b) Mechanics of notification. A used oil burner who has not received an EPA identification number may obtain one by notifying the director of its used oil activity by submitting either:

- (1) A completed EPA Form 8700-12 (To obtain EPA Form 8700-12 call the department at (808) 586-4226 or the RCRA/Superfund Hotline at 1-800-424-9346 or 703-920-9810); or
- (2) A letter requesting an EPA identification number. The letter should include the following information:
 - (i) Burner company name;
 - (ii) Owner of the burner company;
 - (iii) Mailing address for the burner;
 - (iv) Name and telephone number for the burner point of contact;
 - (v) Type of used oil activity; and
 - (vi) Location of the burner facility. [Eff

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] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.62)

§11-279-63 Rebuttable presumption for used oil. (a) To ensure that used oil managed at a used oil burner facility is not hazardous waste under the rebuttable presumption of section 11-279-10(b)(1)(ii), a used oil burner must determine whether the total halogen content of used oil managed at the facility is above or below 1,000 ppm.

(b) The used oil burner must determine if the used oil contains above or below 1,000 ppm total halogens by:

- (1) Testing the used oil;
- (2) Applying knowledge of the halogen content of the used oil in light of the materials or processes used; or
- (3) If the used oil has been received from a processor/refiner subject to regulation under subchapter F, using information provided by the processor/re-refiner.

(c) If the used oil contains greater than or equal to 1,000 ppm total halogens, it is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste listed in subchapter D of chapter 11-261. The owner or operator may rebut the presumption by demonstrating that the used oil does not contain hazardous waste (for example, by using an analytical method from SW-846, Edition III, to show that the used oil does not contain significant concentrations of halogenated hazardous constituents listed in appendix VIII of chapter 11-261). EPA Publication SW-846, Third Edition, is available from the United

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States Government Printing Office, Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250-7954. 202-512-1800 (document number 955-001-00000-1).

- (1) The rebuttable presumption does not apply to metalworking oils/fluids containing chlorinated paraffins, if they are processed, through a tolling arrangement as described in section 11-279-24(c), to reclaim metalworking oils/fluids. The presumption does apply to metalworking oils/fluids if such oils/fluids are recycled in any other manner, or disposed.
- (2) The rebuttable presumption does not apply to used oils contaminated with chlorofluorocarbons (CFCs) removed from refrigeration units where the CFCs are destined for reclamation. The rebuttable presumption does apply to used oils contaminated with CFCs that have been mixed with used oil from sources other than refrigeration units.
- (d) Record retention. Records of analyses conducted or information used to comply with subsections (a), (b), and (c) must be maintained by the burner for at least 3 years. [Eff MAR 13 1999,] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.63)

§11-279-64 Used oil storage. Used oil burners are subject to all applicable Spill Prevention, Control and Countermeasures (40 CFR part 112) in addition to the requirements of this subchapter. Used oil burners are also subject to the State's underground storage tank rules and applicable federal underground storage tank (40 CFR part 280) standards for used oil stored in underground tanks whether or not the used oil exhibits any characteristics of hazardous waste, in addition to the requirements of this subchapter.

- (a) Storage units. Used oil burners may not store used oil in units other than tanks, containers, or units subject to regulation under chapter 11-264 or 11-265.
- (b) Condition of units. Containers and aboveground tanks used to store oil at burner facilities must be:
 - (1) In good condition (no severe rusting, apparent structural defects or deterioration); and
 - (2) Not leaking (no visible leaks).
- (c) Secondary containment for containers. Containers used to store used oil at burner facilities must be equipped with a secondary containment system.
 - (1) The secondary containment system must consist of, at a minimum:
 - (i) Dikes, berms or retaining walls; and
 - (ii) A floor. The floor must cover the entire area within the dike, berm, or retaining wall.

- (2) The entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out of the system to the soil, groundwater, or surface water.
- (d) Secondary containment for existing aboveground tanks. Existing aboveground tanks used to store used oil at burner facilities must be equipped with a secondary containment system.
- (1) The secondary containment system must consist of, at a minimum:
- (i) Dikes, berms or retaining walls; and
 - (ii) A floor. The floor must cover the entire area within the dike, berm, or retaining wall except areas where existing portions of the tank meet the ground; or
 - (iii) An equivalent secondary containment system.
- (2) The entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out of the system to the soil, groundwater, or surface water.
- (e) Secondary containment for new aboveground tanks. New aboveground tanks used to store used oil at burner facilities must be equipped with a secondary containment system.
- (1) The secondary containment system must consist of, at a minimum:
- (i) Dikes, berms or retaining walls; and
 - (ii) A floor. The floor must cover the entire area within the dike, berm, or retaining wall; or
 - (iii) An equivalent secondary containment system.
- (2) The entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out of the system to the soil, groundwater, or surface water.
- (f) Labels.
- (1) Containers and aboveground tanks used to store used oil at burner facilities must be labeled or marked clearly with the words "Used Oil."
- (2) Fill pipes used to transfer used oil into underground storage tanks at burner facilities must be labeled or marked clearly with the words "Used Oil."
- (g) Response to releases. Upon detection of a release of used oil to the environment that is not subject to the requirements of the State's underground storage tank rules or any applicable federal underground storage tank regulations and which has occurred after the

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effective date of the recycled used oil management program in effect in the State, a burner must perform the following cleanup steps:

- (1) Stop the release;
- (2) Contain the released used oil;
- (3) Clean up and manage properly the released used oil and other materials; and
- (4) If necessary, repair or replace any leaking used oil storage containers or tanks prior to returning them to service. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.64)

§11-279-65 Tracking. (a) Acceptance. Used oil burners must keep a record of each used oil shipment accepted for burning. These records may take the form of a log, invoice, manifest, bill of lading, or other shipping documents. Records for each shipment must include the following information:

- (1) The name and address of the transporter who delivered the used oil to the burner;
- (2) The name and address of the generator or processor/re-refiner from whom the used oil was sent to the burner;
- (3) The EPA identification number of the transporter who delivered the used oil to the burner;
- (4) The EPA identification number (if applicable) of the generator or processor/re-refiner from whom the used oil was sent to the burner;
- (5) The quantity of used oil accepted; and
- (6) The date of acceptance.

(b) Record retention. The records described in subsection (a) must be maintained for at least three years. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.65)

§11-279-66 Notices. (a) Certification. Before a burner accepts the first shipment of off-specification used oil fuel from a generator, transporter, or processor/re-refiner, the burner must provide to the generator, transporter, or processor/re-refiner a one-time written and signed notice certifying that:

- (1) The burner has notified the department stating the location and general description of his or her used oil management activities; and
- (2) The burner will burn the used oil only in an industrial furnace or boiler identified in section 11-279-61(a).

(b) Certification retention. The certification described in subsection (a) must be maintained for three years from the date the burner last receives shipment of off-specification used oil from that generator, transporter, or processor/re-refiner. [Eff

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52) (Imp: 40 C.F.R. §279.66)] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52)

§11-279-67 Management of residues. Burners who generate residues from the storage or burning of used oil must manage the residues as specified in § 11-279-10(e). [Eff MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.67)

SUBCHAPTER H

STANDARDS FOR USED OIL FUEL MARKETERS

§11-279-70 Applicability. (a) Any person who conducts either of the following activities is subject to the requirements of this subchapter:

- (1) Directs a shipment of off-specification used oil from their facility to a used oil burner; or
- (2) First claims that used oil that is to be burned for energy recovery meets the used oil fuel specifications set forth in section 11-279-11.

(b) The following persons are not marketers subject to this subchapter:

- (1) Used oil generators, and transporters who transport used oil received only from generators, unless the generator or transporter directs a shipment of off-specification used oil from their facility to a used oil burner. However, processors/re-refiners who burn some used oil fuel for purposes of processing are considered to be burning incidentally to processing. Thus, generators and transporters who direct shipments of off-specification used oil to processor/re-refiners who incidently burn used oil are not marketers subject to this subchapter;
- (2) Persons who direct shipments of on-specification used oil and who are not the first person to claim the oil meets the used oil fuel specifications of section 11-279-11.

(c) Any person subject to the requirements of this subchapter must also comply with one or more of the following:

- (1) Subchapter C -- Standards for Used Oil Generators;
- (2) Subchapter E -- Standards for Used Oil Transporters and Transfer Facilities;
- (3) Subchapter F -- Standards for Used Oil Processors and Re-refiners;
- (4) Subchapter G -- Standards for Used Oil Burners who Burn Off-Specification Used Oil for Energy Recovery; or

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- (5) The requirements of section 11-279-90. [Eff
MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.70)

§11-279-71 Prohibitions. A used oil fuel marketer may initiate a shipment of off-specification used oil only to a used oil burner who:

- (a) Has an EPA identification number; and
(b) Burns the used oil in an industrial furnace or boiler identified in section 11-279-61(a). [Eff
MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.71)

§11-279-72 On-specification used oil fuel. (a) Analysis of used oil fuel. A generator, transporter, processor/re-refiner, or burner may determine that used oil that is to be burned for energy recovery meets the fuel specifications of section 11-279-11 by performing analyses or obtaining copies of analyses or other information documenting that the used oil fuel meets the specifications.

(b) Record retention. A generator, transporter, processor/re-refiner, or burner who first claims that used oil that is to be burned for energy recovery meets the specifications for used oil fuel under section 11-279-11, must keep copies of analyses of the used oil (or other information used to make the determination) for three years. [Eff **MAR 13 1999** (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.72)

§11-279-73 Notification. (a) Identification numbers. A used oil fuel marketer subject to the requirements of this subchapter who has not previously complied with the notification requirements of section 342J-6.5, HRS must comply with these requirements and obtain an EPA identification number.

(b) A marketer who has not received an EPA identification number may obtain one by notifying the director of its used oil activity by submitting either:

- (1) A completed EPA Form 8700-12; or
- (2) A letter requesting an EPA identification number. The letter should include the following information:
 - (i) Marketer company name;
 - (ii) Owner of the marketer;
 - (iii) Mailing address for the marketer;
 - (iv) Name and telephone number for the marketer point of contact; and
 - (v) Type of used oil activity (i.e., generator directing shipments of off-specification used oil to a burner). [Eff **MAR 13 1999**] (Auth: HRS

§§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40
C.F.R. §279.73)

§11-279-74 Tracking. (a) Off-specification used oil delivery. Any used oil marketer who directs a shipment of off-specification used oil to a burner must keep a record of each shipment of used oil to a used oil burner. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

- (1) The name and address of the transporter who delivers the used oil to the burner;
- (2) The name and address of the burner who will receive the used oil;
- (3) The EPA identification number of the transporter who delivers the used oil to the burner;
- (4) The EPA identification number of the burner;
- (5) The quantity of used oil shipped; and
- (6) The date of shipment.

(b) On-specification used oil delivery. A generator, transporter, processor/re-refiner, or burner who first claims that used oil that is to be burned for energy recovery meets the fuel specifications under section 11-279-11 must keep a record of each shipment of used oil to an on-specification used oil burner. Records for each shipment must include the following information:

- (1) The name and address of the facility receiving the shipment;
- (2) The quantity of used oil fuel delivered;
- (3) The date of shipment or delivery; and
- (4) A cross-reference to the record of used oil analysis or other information used to make the determination that the oil meets the specification as required under section 11- 279-72(a).

(c) Record retention. The records described in subsections (a) and (b) must be maintained for at least three years. [Eff
MAR 13 1999] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.74)

§11-279-75 Notices. (a) Certification. Before a used oil generator, transporter, or processor/re-refiner directs the first shipment of off-specification used oil fuel to a burner, he or she must obtain a one-time written and signed notice from the burner certifying that:

- (1) The burner has notified the department stating the location and general description of used oil management activities; and

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(2) The burner will burn the off-specification used oil only in an industrial furnace or boiler identified in section 11-279-61(a).

(b) Certification retention. The certification described in subsection (a) must be maintained for three years from the date the last shipment of off-specification used oil is shipped to the burner. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.75)

§11-279-76 Annual report. At a minimum, the permittee shall submit an annual report for the twelve-month period ending June 30. The report shall be submitted to the director not later than thirty days after June 30 of each year. The report shall detail the volume or weight of the incoming used oil and the salvageable used oil recovered and how they were disposed. [Eff **MAR 13 1999**] (Auth: HRS §342J-52) (Imp: None)

SUBCHAPTER I

STANDARDS FOR DISPOSAL OF USED OIL

§11-279-80 Applicability. The requirements of this subchapter apply to all used oils that cannot be recycled and are therefore being disposed. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.80)

§11-279-81 Disposal. (a) Disposal of hazardous used oils. Used oils that are identified as a hazardous waste and cannot be recycled in accordance with this chapter must be managed in accordance with the hazardous waste management requirements of chapters 11-260 through 11-266, 11-268, 11-270 and 11-271.

(b) Disposal of nonhazardous used oils. Used oils that are not hazardous wastes and cannot be recycled under this chapter must be disposed in accordance with the requirements of the State rules on solid waste disposal facilities and practices and municipal solid waste landfills. [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.81)

§11-279-82 Use as a dust suppressant. (a) The use of used oil as a dust suppressant is prohibited.

(b) [Reserved]

(c) [Reserved] [Eff **MAR 13 1999**] (Auth: HRS §§342J-4, 342J-31, 342J-35, 342J-52) (Imp: 40 C.F.R. §279.82)

SUBCHAPTER J

USED OIL AND USED OIL FUEL PERMITTING SYSTEM

§11-279-90 Applicability. No person shall own, operate, add, extend, or modify a used oil or used oil fuel transportation, marketing, or recycling facility without first obtaining a permit from the department. A permit shall be issued in accordance with part IV of chapter 342J, HRS and this subchapter. This subchapter does not apply to hazardous waste permits. [Eff **MAR 13 1999**] (Auth: HRS §342J-52) (Imp: HRS §342J-53).

§11-279-91 Used oil permits; exemptions. Facilities exempted under section 11-279-40 are not required to obtain a permit under this subchapter. [Eff **MAR 13 1999**] (Auth: HRS §342J-52) (Imp: HRS §342J-53)

- §11-279-92 Used oil permit requirements. (a) General Requirements.
- (1) An application for a used oil or used oil fuel permit shall be completed on forms furnished by the director.
 - (2) The applicant shall be the owner of the facility. Each application shall contain the original signature of the applicant and shall constitute an acknowledgement that the applicant will assume responsibility for complying with this chapter and Part IV of chapter 342J, HRS with respect to the construction and operation of the facility. The application shall be signed by one of the following:
 - (i) In the case of a corporation, by a principal executive officer of at least the level of vice president;
 - (ii) In the case of a partnership, by a general partner;
 - (iii) In the case of a sole proprietorship, by the proprietor; or
 - (iv) In the case of a county, state, or federal entity, by either a principal executive officer, ranking elected official, or other duly authorized employee.
 - (3) All permit applicants must pay a permit filing fee as required by section 11-279-95.
 - (4) The director may issue a permit which contains a requirement that the permittee complies with certain conditions.
 - (5) The director may add, delete, or modify any conditions on any permits.

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- (b) Application for Recycling.
- (1) All applications for a recycling permit must comply with section 11-279-92(a).
- (2) An application for recycling shall also include but is not limited to an Operations Manual. The manual shall include:
 - (i) A general description of the facility. This should include, at a minimum, the name of the owner and operator, location, site information, and plot and site location plans.
 - (ii) A description of the operations if the facility. This section shall include, at a minimum, a one-line process flow diagram, design parameters, operational units and procedures, and storage areas.
 - (iii) A control plan for the facility. This shall describe access to the facility, drainage systems, and fire, vector, odor, and dust controls.
 - (iv) A sampling and analysis plan for the facility. This shall include a procedure for analysis for constituents of specification fuel. The constituents and allowable levels are specified in section 11-279-11.
 - (v) A description of the reporting and recordkeeping procedures for the facility. This shall include the format for the annual reporting requirements of section 11-279-57(c).
 - (vi) A closure plan to ensure that closure will comply with section 11-279-54(h).
- (3) Recyclers that are processors or re-refiners must also comply with the requirements of subchapter F.
- (c) Application for Transporting.
- (1) All applications for a transportation permit must comply with section 11-279-92(a).
- (2) The following must be submitted:
 - (i) A site plan of appropriate scale and an operations narrative describing the proposed activity.
 - (ii) A plan describing suitable means to prevent and/or control fires, spills, releases, and stormwater runoff.
 - (iii) An emergency response plan.
- (3) Transporters must also comply with the requirements of subchapter E.
- (d) Application for marketing.
- (1) An application for a permit to market used oil or used oil fuel must be submitted in conjunction with the applicant's application for a transporter or recycler permit.

- (2) Marketers must also comply with the requirements of subchapter H. [Eff] (Auth: HRS §342J-52) (Imp: HRS §§342J-53, 342J-54)

§11-279-93 Duration, modification, transfer, and termination of permits. (a) Duration of permit. The director may grant a permit for any term, not exceeding five years and upon application may renew a permit from time to time for a term not exceeding five years, if such is in the public interest.

(b) Modification of a permit. The permittee may request a modification of any permit condition provided that:

- (1) A justification is provided to the director with the request; and
- (2) No modification will be effective unless approved by the director.

(c) Transfer of permit. A permit shall not be transferred without a written application to the director by the new owner and without written approval by the director. A permit can be transferred only under the following conditions:

- (1) There is no change in the operations manual; and
- (2) There is a change in ownership only.

(d) Reporting termination. Except for a court-ordered termination or termination by order of the department, all permittees shall notify the director in writing of the facility's termination of operation within 90 days of the permanent termination of the operation of a used oil facility. [Eff MAR 13 1999] (Auth: HRS §342J-52) (Imp: HRS §§342J-53, 342J-54)

§11-279-94 Falsifying or altering a permit. A person shall not willfully alter, forge, counterfeit, or falsify a permit. [Eff MAR 13 1999] (Auth: HRS §342J-52) (Imp: HRS §§342J-53, 342J-54)

§11-279-95 Permit filing fees. (a) The permit filing fee shall be as follows:

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Type of Handler	Initial Applic.	Renewal	Modif. requested to DOH	Modif. requested by DOH
Recycler	\$250	\$250	\$250	none
Recycler & marketer	250	250	250	none
Recycler & transporter	300	300	300	none
Recycler, transporter & marketer	300	300	300	none
Transporter	50	50	50	none
Transporter & marketer	50	50	50	none

(b) The permit filing fee will not be refunded nor applied to any subsequent application.

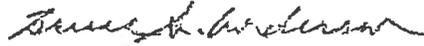
(c) Fees shall be made payable to the State of Hawaii.
[Eff **MAR 13 1999**] (Auth: HRS §342J-52) (Imp: HRS §§342J-53, 342J-54)

§11-279-96 Penalties. Any person who violates any provision of this subchapter shall be subject to the penalties provided in chapter 342J, HRS. [Eff **MAR 13 1999**] (Auth: HRS §342J-52) (Imp: HRS §§342J-9, 342J-10)

DEPARTMENT OF HEALTH

Chapter 11-279, Hawaii Administrative Rules, on the Summary page dated FEB 25 1999, was adopted on FEB 25 1999 following a public hearing held on February 8, 1999, after public notice was given in The Honolulu Advertiser, Honolulu Star-Bulletin, Hawaii Tribune-Herald, Maui News, and The Garden Island on January 7, 1999.

These amendments take effect ten days after filing with the Office of the Lieutenant Governor.



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Director of Health

APPROVED AS TO FORM:



Adina L.K. Cunningham
Deputy Attorney General



Benjamin J. Cayetano
Governor
State of Hawaii

Date: 3/1/99

MAR 03 1999

Filed

LIEUTENANT GOVERNOR'S
OFFICE

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