TREATMENT & STORAGE FACILITY INSPECTION

Revision: 11/06/2025
WASTE & MATERIALS MANAGEMENT PROGRAM

This Inspection Form, used for the inspection of facilities having a hazardous waste license to store and/or treat hazardous waste, evaluates facility compliance with Wisconsin's Hazardous Waste Management Rules (chapter NR 660 - 679, Wis. Admin. Code).

Section A: General Waste Analysis

A.01: The facility follows their Waste Analysis Plan (WAP)		664.0013(2)
A.02: Before accepting the waste into the facility, the facility obtained a detailed chemical and physical analysis of a representative sample of the wastes. This analysis must contain all the information which must be known to treat, store, or dispose of the waste according to ch. 664 and ch. NR 668.		664.0013(1)(a)
A.03: 3.Chemical and physical samples are analyzed (except for field analyses for pH, specific conductance, and temperature) by a laboratory that is certified or registered under ch. NR 149 when these samples are used to comply with s. NR 664.0013(1)(a) and when the analysis is used to determine if the waste is not a characteristic hazardous waste that has a test method specified in subch. C of ch. NR 661.		664.0013(1)(a)1.
A.04: The analysis is repeated as necessary to ensure that it is accurate and up to date		664.0013(1)(c)
A.05: For facilities that revive hazardous waste from off-site: The facility inspects and, if necessary, analyze each hazardous waste movement received at the facility to determine whether it matches the identity of the waste specified on the accompanying manifest or shipping paper.		664.0013(1)(d)
A.06: Whenever the facility initiates a shipment of hazardous waste, the facility complies with s. NR 662.011 Wis Adm. Code via 664.0071(3) Wis Adm. Code.		662.011

Section B: Security

B.01: The facility prevents the unknowing entry and minimizes the possibility for the unauthorized entry of persons or livestock onto the active portion of the facility..		664.0014(1)
B.02: The facility has one or more of the following: a. An operational 24?hour surveillance system (e.g., television monitoring or surveillance by guards or facility personnel) which continuously monitors and controls entry onto the active portion of the facility. b. An artificial or natural barrier (e.g., a fence in good repair or a fence combined with a cliff), which completely surrounds the active portion of the facility. c. A means to control entry, at all times, through the gates or other entrances to the active portion of the facility (e.g., an attendant, television monitors, locked entrance or controlled roadway access to the facility.		664.0014(2)
B.03: The facility has a sign with the words, "Danger - Unauthorized Personnel Keep Out", posted at each entrance to the active portion of a facility. In addition, these signs must also be posted in sufficient numbers at other locations to be seen from any approach to the active portion of the facility. The sign is written in English and in any other language predominant in the area surrounding the facility and is legible from a distance of at least 25 feet. Existing signs with words other than "Danger - Unauthorized Personnel Keep Out" may be used if the words on the sign indicates that only authorized personnel are allowed to enter the active portion and that entry onto the active portion can be dangerous.		664.0014(3)

Section C: General Inspection Requirements

C.01: The facility inspects the facility for malfunctions and deterioration, operator errors and discharges which may be causing, or may lead to, release of hazardous waste constituents to the environment or a threat to human health.		664.0015(1)

Section C: General Inspection Requirements

C.02: The facility conducts these inspections often enough to identify problems in time to correct them before they harm human health or the environment.		664.0015(1)
C.03: The facility follows a written schedule for inspecting monitoring equipment, safety and emergency equipment, security devices and operating and structural equipment (such as dikes and sump pumps) that are important to preventing, detecting or responding to environmental or human health hazards.		664.0015(2)(a)
C.04: The facility retains this schedule at the facility.		664.0015(2)(b)
C.05: The schedule identifies the types of problems (e.g., malfunctions or deterioration) which are to be evaluated during the inspection (e.g., inoperative sump pump, leaking fitting, eroding dike, etc.).		664.0015(2)(c)
C.06: The facility remedies any deterioration or malfunction of equipment or structures which the inspection reveals on a schedule which ensures that the problem does not lead to an environmental or human health hazard. Where a hazard is imminent or has already occurred, remedial action shall be taken immediately.		664.0015(3)
C.07: The facility records the inspections in an inspection log or summary and shall keep these records for at least 3 years from the date of inspection. At a minimum, these records shall include the date and time of the inspection, the name of the inspector, a notation of the observations made, and the date and nature of any repairs or other remedial actions		664.0015(4)

Section D: Personnel Training

D.01: Facility personnel successfully completed a program of classroom instruction, online training (e.g., computer-based or electronic), or on-the-job training that teaches them to perform their duties in a way that ensures compliance with ch. NR 664.		664.0016(1)(a)
D.02: The facility's training program is directed by a person trained in hazardous waste management procedures.		664.0016(1)(b)
D.03: The facility's training program includes instructions which teaches facility personnel hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed.		664.0016(2)
D.04: Facility personnel successfully completed the training program within 6 months of their employment or assignment to a facility, or to a new position at a facility.		664.0016(2)
D.05: Facility personnel may not work in unsupervised positions until they have completed the training requirements of under s. NR 664.0016(1) Wis. Adm. Code.		664.0016(4)(a)
D.06: Facility personnel take part in an annual review of the initial training.		664.0016(3)
D.07: The facility maintains the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job.		664.0016(4)(a)
D.08: The facility maintains a written job description for each position at the facility related to hazardous waste management listed under s. NR 664.0016(4)(a).		664.0016(4)(b)
D.09: Records document that the training or job experience required under 664.0016(4)(a), (b), (c) has been completed by facility personnel.		664.0016(4)(d)

Section D: Personnel Training

D.10: Training records on current personnel are kept until closure of the facility.		664.0016(5)
D.11: Training records on former employees are kept for at least 3 years from the date the employee last worked at the facility.		664.0016(5)

Section E: General Requirements for Ignitable, Reactive, or Incompatible Wastes

E.01: The facility takes the following precautions to prevent accidental ignition or reaction of ignitable or reactive waste.		N.A.
E.02: Waste is separated and protected from sources of ignition or reaction (e.g., flames, smoking, cutting and welding, hot surfaces, frictional heat, sparks, spontaneous ignition, radiant heat).		664.0017(1)
E.03: While ignitable or reactive waste is being handled, the facility confines smoking and open flame to specially designated locations.		664.0017(1)
E.04: "No Smoking" signs are conspicuously placed wherever there is a hazard from ignitable or reactive waste.		664.0017(1)
E.05: The facility takes precautions with ignitable or reactive waste to prevent reactions which do any of the following: a. Generate extreme heat or pressure, fire or explosions or violent reactions. b.Produce uncontrolled toxic mists, fumes, dusts or gases in sufficient quantities to threaten human health or the environment. c. Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions. d. Damage the structural integrity of the device or facility. e. Through other like means threaten human health or the environment.		664.0017(2):
E.06: The facility has records showing compliance with s. NR 664.0017(1) & 2. when managing ignitable, reactive, or incompatible wastes		664.0017(3)

Section F: Design and Operation

F.01: Facility is designed, constructed, maintained, and operated to minimize the possibility of a fire, explosion or any unplanned sudden or non?sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water which could threaten human health or the environment		664.0031

Section G: Required Equipment

G.01: The facility is equipped with all of the following, unless it can be demonstrated to the department in the FPOR that none of the hazards posed by waste handled at the facility could require any of the following particular kinds of equipment. Chapter NR 670 Wis. Adm. Code requires the facility that wishes to make the demonstration that this equipment referred to in s. NR 664.0032 is not needed must do so in the feasibility and plan of operation report (FPOR).		N.A.

Section G: Required Equipment

G.02: An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel.		664.0032(1)
G.03: A device, such as a telephone (immediately available at the scene of operations) or a hand-held 2-way radio, capable of summoning emergency assistance from local police departments, fire departments or state or local emergency response teams.		664.0032(2)
G.04: 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.		664.0032(3)
G.05: Water at adequate volume and pressure to supply water hose streams, foam producing equipment, automatic sprinklers, or water spray systems.		664.0032(4)

Section H: Testing and Maintenance of Equipment

H.01: All facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment, where required, shall be tested and maintained as necessary to assure its proper operation in time of emergency.		664.0033

Section I: Access to Communications or Alarm System

I.01: Whenever hazardous waste is being poured, mixed, spread or otherwise handled, all personnel involved in the operation shall have immediate access to an internal alarm or emergency communication device, either directly or through visual or voice contact with another employee, unless the department has ruled that such a device is not required under s. NR 664.0032.		664.0034(1)
I.02: If there is ever just one employee on the premises while the facility is operating, that employee shall have immediate access to a device, such as a telephone (immediately available at the scene of operation) or a hand-held 2-way radio, capable of summoning external emergency assistance, unless the department has ruled that such a device is not required under s. NR 664.0032.		664.0034(2)

Section J: Required Aisle Space

J.01: The owner or operator shall 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 it can be demonstrated to the department that aisle space is not needed for any of these purposes.		664.0035

Section K: Contingency Plan

K.01: The provisions of the contingency plan are carried out immediately whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.		664.0051(2)
K.02: A copy of the contingency plan and all revisions to the contingency plan are maintained at the facility.		664.0053(1)

Section K: Contingency Plan

K.03: The facility submits updates of the contingency plan to all local police departments, fire departments, hospitals, and state and local emergency response teams that may be called upon to provide emergency services.		664.0053(2)
K.04: The facility reviews the contingency plan, and immediately amends it, if necessary, whenever contingency plan fails in an emergency.		664.0054(2)
K.05: The facility reviews and if needed amends the contingency plan whenever the facility has a change in its design, construction, operation, maintenance, or other circumstances in a way that materially increases the potential for fires, explosions, releases of hazardous waste, release of hazardous waste constituents, or changes the response necessary in an emergency		664.0054(3)
K.06: The facility reviews the contingency plan, and immediately amends it, if necessary, whenever the list of emergency coordinators changes.		664.0054(4)
K.07: The facility reviews the contingency plan, and immediately amends it, if necessary, whenever the list of emergency equipment changes.		664.0054(5)

Section L: Emergency Coordinator

L.01: At all times, there shall 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.		664.0055
L.02: The emergency coordinator is thoroughly familiar with all aspects of the facility's contingency plan, all operations and activities at the facility, the location and characteristics of waste handled, the location of all records within the facility and the facility layout.		664.0055
L.03: The emergency coordinator has the authority to commit the resources needed to carry out the contingency plan.		664.0055

Section M: Emergency Procedures

M.01: Complete this section only if there has been an imminent or actual emergency (e.g., contingency plan was implemented or should have been implemented) since the last inspection. If not, then go to next section.		N.A.
M.02: The emergency coordinator (or a designee when the emergency coordinator is on call) immediately activated internal facility alarms or communication systems to notify all facility personnel of the emergency.		664.0056(1)(a)
M.03: The emergency coordinator (or a designee when the emergency coordinator is on call) immediately notified the appropriate state and local agencies (based on their designated response roles) if their help is needed.		664.0056(1)(b)
M.04: If there was a fire or explosion, the emergency coordinator immediately identified the character, exact source, amount, and areal extent of any released materials.		664.0056(2)
M.05: The emergency coordinator assessed possible hazards to human health or the environment that may result from the release, fire, or explosion.		664.0056(3)
M.06: The emergency coordinator immediately notified appropriate local authorities when the emergency coordinator's assessment indicated that evacuation of local areas may be advisable		664.0056(4)(a)

Section M: Emergency Procedures

M.07: The emergency coordinator was available to help appropriate officials to decide whether local areas should be evacuated.		664.0056(4)(a)
M.08: The emergency coordinator immediately notified either the government official designated as the on-scene coordinator for that geographical area, or to immediately notified the national response center and the division of emergency government.		664.0056(4)(b)
M.09: The emergency coordinator's report to the government officials included all of the following: a. Name and telephone number of the reporter. b. Name and address of facility. c. Time and type of incident (e.g., release, fire). d. Name and quantity of materials involved, to the extent known. e. The extent of injuries, if any. f. The possible hazards to human health, or the environment, outside the facility.		664.0056(4)(b)
M.10: The emergency coordinator took all reasonable measures necessary to ensure that fires, explosions and releases do not occur, recur, or spread to other hazardous waste at the facility.		664.0056(5)
M.11: The emergency coordinator (if appropriate) monitored for leaks, pressure buildup, gas generation, ruptures in valves, pipes, or other equipment when the facility stops operations in response to the fire, explosion, or release. .		664.0056(6)
M.12: Immediately after an emergency, the emergency coordinator provided for treating, storing, or disposing of recovered waste, contaminated soil, surface water, or any other material that resulted from a release, fire, or explosion at the facility		664.0056(7)
M.13: The emergency coordinator ensured that no waste that may be incompatible with the released material is treated, stored, or disposed of until cleanup procedures were completed.		664.0056(8)(a)
M.14: The emergency coordinator ensured that all emergency equipment listed in the contingency plan is cleaned and fit for its intended use before operations were resumed.		664.0056(8)(b)
M.15: The facility noted in the operating record the time, date, and details of the incident.		664.0056(9)
M.16: Within 15 days after the incident, the facility submitted a written report on the incident to the department.		664.0056(9)
M.17: The written incident report included all of the following: 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 materials 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.		664.0056(9)

Section N: Manifest In-Bound

N.01: For each hazardous waste accompanied by a manifest the facility signed and dated each copy of the manifest.		664.0071(1)(b)1.

Section N: Manifest In-Bound

N.02: For each hazardous waste accompanied by a manifest the facility noted any discrepancies (10% in weight for batch waste, pieces count, type - D001 vs. D002) on each copy of the manifest.		664.0071(1)(b)2.
N.03: For each hazardous waste accompanied by a manifest the facility immediately gives the transporter at least one copy of the manifest.		664.0071(1)(b)3.
N.04: For each hazardous waste accompanied by a manifest the facility (within 30-days of delivery) sent a copy of the signed manifest to the generator.		664.0071(1)(b)4.
N.05: Beginning on June 30, 2021, the facility transmitted within 30 days to the EPA system an image file of page 1 of the paper manifest and any paper continuation sheet and the data file to the e?manifest system for purposes of data entry and processing.		664.0071(1)(b)5.b.
N.06: The facility transmitted the data file to the electronic mail submission address specified at the e-manifest program website's directory of services.		664.0071(1)(b)5.b.
N.07: The facility retained a copy of each manifest (or can retrieve the manifest from EPA's e-manifest system) for at least 3 years from the date of delivery.		664.0071(1)(b)6.
N.08: When the facility receives non-hazardous wastes from consignment states, the facility determined if these non-hazardous wastes must be managed as hazardous wastes under Wisconsin's hazardous waste program.		664.0071(5)
N.09: When the facility ships non-hazardous wastes to consignment states or generator state the facility determined if the facility is required to submit any copies of the manifest to these states		664.0071(5)
N.10: The facility complied with the post-receipt manifest data corrections of s. NR 664.0071(12).		664.0071(12)

Section O: Manifest Out-Bound

O.01: Section NR 664.0071(3). Wis. Adm. Code requires the facility to comply with chapter NR 662 Wis. Adm. Code. Therefore, the facility must prepare a manifest to accompany the hazardous waste shipment, pursuant to subchapter B of chapter NR 662, Wis. Adm. Code and the special conditions applicable to international shipments (s. 40 CFR 262.50). The facility uses a uniform hazardous waste manifest to ship hazardous waste. If NO, go to next section.		
O.02: Paper manifest: If the facility transports or offers for transport a hazardous waste for off-site treatment, storage, or disposal and chooses to use a paper manifest, the paper manifest was prepared using the uniform hazardous waste manifest on EPA Form 8700-22, and, if necessary, EPA Form 8700-22A		662.020(1)(a)
O.03: If the generator uses an electronic manifest, the generator complies with s. NR 662.024 and 40 CFR 3.10.		662.020(1)(c)
O.04: All manifest: The generator designated at least one facility that is permitted to handle the manifested waste.		662.020(2)
O.05: All manifest: If the transporter was unable to deliver the hazardous waste to the designated facility, the generator designated another facility or instructed the transporter to return the waste.		662.020(4)

Section O: Manifest Out-Bound

O.06: All manifest: The generator signed the paper manifest certification by hand or if an electronic manifest is used the electronic signature complies with s. NR 662.025.		662.023(1)(a)
O.07: All manifest: The manifest had a handwritten signature and a date of acceptance from the initial transporter. An electronic manifest can be signed according to s. NR 662.025.		662.023(1)(b)
O.08: All manifest: The generator retained a copy of the manifest in compliance with ss. NR 662.040(1) and 662.024(3).		662.023(1)(c)
O.09: All manifest: The generator gave the remaining copies of the manifest to the transporter.		662.023(2)
O.10: All manifest: The generator complied with manifest requirements when sending bulk shipments within the United States solely by water.		662.023(3)
O.11: All manifest: The generator complied with manifest requirements when sending shipments within the United States by rail.		662.023(4)
O.12: All manifest: The generator complied with manifest requirements when sending hazardous waste to a state not authorized to regulate the waste.		662.023(5)
O.13: All manifest: The generator signed the manifest according to the requirements when a shipment was rejected and returned to the generator.		662.023(6)(a)
O.14: All manifest: A copy of the manifest was given to the transporter when a shipment was rejected and returned to the generator.		662.023(6)(b)
O.15: All manifest: A copy of the manifest was sent within 30 days to the designated facility that returned the hazardous waste to the generator.		662.023(6)(c)
O.16: All manifest: The generator retained a copy of the returned shipment manifest for three years.		662.023(6)(d)
O.17: A large quantity generator shall submit an exception report to EPA's e-manifest system if the generator has not received a copy of the manifest with the handwritten signature of the owner or operator of the designated facility within 45 days of the date the waste was accepted by the initial transporter. The exception report shall include all of the following: a. A legible copy of the manifest for which the generator does not have confirmation of delivery. b. A cover letter signed by the generator or its authorized representative explaining the efforts taken to locate the hazardous waste and the results of those efforts.		662.042(1)
O.18: The generator keeps a copy of the signed manifest for three years in accordance with s. NR 662.023(1).		662.040(1)

Section P: Manifest Review for Out-Bound

P.01: Section NR 664.0071(3). Wis. Adm. Code requires the facility to comply with chapter NR 662 Wis. Adm. Code. Therefore, the facility must prepare a manifest to accompany the hazardous waste shipment, pursuant to subchapter B of chapter NR 662, Wis. Adm. Code and the special conditions applicable to international shipments (s. 40 CFR 262.50).		N.A.

Section P: Manifest Review for Out-Bound

P.02: The EPA ID number in box 1 correct.		662.020(1)(a)
P.03: The total number of pages used to complete the manifest in box 2 is correct.		662.020(1)(a)
P.04: The emergency response phone number in box 3 is correct.		662.020(1)(a)
P.05: The generator's mailing address, phone number, and site address in box 5 is correct.		662.020(1)(a)
P.06: The transporter's company name and U.S. EPA ID number in box 7 (and 7 if needed) is correct.		662.020(1)(a)
P.07: The designated facility's name, site address, and U.S. EPA ID number in box 8 is correct.		662.020(1)(a)
P.08: The 'X' used to identify hazardous materials in box 9a is used correctly. 1. The letters 'RQ' may be used instead 'X' if a reportable quantity needs to be identified (49 CFR 172.201(a)(1)(iii)).		662.020(1)(a)
P.09: The U.S. DOT proper shipping name, hazard class or division, identification number (UN/NA) and packing group in box 9b is correct.		662.020(1)(a)
P.10: The number of containers in box 10 is correct.		662.020(1)(a)
P.11: The type of containers in box 10 is correct.		662.020(1)(a)
P.12: The total quantity of waste in box 11 is correct.		662.020(1)(a)
P.13: The unit of measurement in box 12 is correct.		662.020(1)(a)
P.14: The waste code information in box 13 is correct.		662.020(1)(a)
P.15: The signature for the 'Generator's Certification' in box 15 is signed by someone who has knowledge of the generator's waste minimization program.		662.027(1)
P.16: The signature for the 'Generator's Certification' in box 15 is signed by someone the who has had the DOT training requirements under 49 CFR Part 172, Subpart H.		

Section Q: Manifest Pre-Transport Out-Bound

Q.01: Section NR 664.0071(3). Wis. Adm. Code requires the facility to comply with chapter NR 662 Wis. Adm. Code. Therefore, the facility must package, label, mark, and placard the waste in accordance with the applicable Department of Transportation regulations, as provided in subchapter C of chapter NR 662, Wis. Adm. Code. If no pre-transportation activities are taking place during the inspection go to next section.		
Q.02: The facility packaged the waste with applicable DOT regulations before transportation off-site.		662.030
Q.03: The facility labeled each package of hazardous waste according to DOT regulations before transportation off-site.		662.031
Q.04: The facility labeled each package of hazardous waste according to DOT regulations before transportation off-site.		662.032(1)
Q.05: Before transporting hazardous waste or offering hazardous waste for transportation off site, the facility marked each container of 119 gallons or less used in such transportation with the following words and information in accordance with the requirements of 49 CFR 172.304. 1. HAZARDOUS WASTE—Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency. 2. Generator's Name and Address ____. 3. Generator's EPA Identification Number ____. 4. Manifest Tracking Number ____. 5. EPA Hazardous Waste Number(s) ____. Under s. NR 662.032(c) a generator may use a nationally recognized electronic system, such as bar coding, to identify the EPA Hazardous Waste Number(s) in D.5.		662.032(2)
Q.06: Lab packs that will be incinerated under s. NR 668.42(3) and have EPA hazardous waste numbers D004, D005, D006, D007, D008, D010, and D011 are marked with EPA Hazardous Waste Number(s). Under s. NR 662.032(3)(c) a generator may use a nationally recognized electronic system, such as bar coding, to identify the EPA Hazardous Waste Number(s).		662.032(4)
Q.07: Before transporting hazardous waste or offering hazardous waste for transportation off-site, the facility placarded or offer the initial transporter the appropriate placards according to Department of Transportation regulations for hazardous materials under 49 CFR part 172, subpart F		662.033

Section R: Manifest Recordkeeping and Reporting Out-Bound

R.01: Section NR 664.0071(3). Wis. Adm. Code requires the facility to comply with chapter NR 662 Wis. Adm. Code. Therefore, the facility must also comply with the subchapter D of chapter NR 662, Wis. Adm. Code recordkeeping and reporting requirements.		N.A.
R.02: Facility retains manifest copies for 3 years.		662.040(1)
R.03: 3.Facility retains annual reports and exception reports for 3 years.		662.040(2)
R.04: During any unresolved enforcement action, the facility extended the record retention time identified in s. NR 662.010 for the regulated activity or as requested by the department		662.040(4)

Section S: Manifest Bulk Shipments by Rail or Water

S.01: If a facility receives bulk shipments of hazardous waste by rail or water on a shipping paper that contains all the information required on the manifest (excluding the EPA identification numbers, generator's certification, and signatures). If NO go to next section		N.A.
S.02: The facility signs and dates each copy of the manifest or shipping paper to certify that the hazardous waste covered by the manifest or shipping paper was received.		664.0071(2)(a)
S.03: The facility notes any significant discrepancies (10% in weight for batch waste, pieces count, type - D001 vs. D002) in the shipping papers on each copy of the shipping paper.		664.0071(2)(b)
S.04: The facility immediately gives the rail or water bulk shipment transporter at least one copy of the shipping paper.		664.0071(2)(c)
S.05: The facility, within 30 days after the delivery, sends one copy of the signed and dated shipping paper to the generator.		664.0071(2)(d)
S.06: The facility retains a copy of the shipping paper for at least 3 years from the date of delivery.		664.0071(2)(e)

Section T: Manifest Imports

T.01: Facility receives imports of hazardous waste. If NO, then go to next section.		N.A.
T.02: When the facility receiving hazardous waste subject to subch. H of ch. NR 662 from a foreign source the facility listed the relevant EPA consent number for each waste listed on the manifest.		664.0071(1)(c)1.
T.03: When the facility receiving hazardous waste subject to subch. H of ch. NR 662 from a foreign source the facility within 30 days sent a copy of the manifest to EPA using the addresses listed in s. NR 662.082 (5).		664.0071(1)(c)2.
T.04: When the facility receiving hazardous waste subject to subch. H of ch. NR 662 from a foreign source the facility within 30 days transmitted a copy of the manifest to the e-manifest system as specified in s. NR 664.0071(1)(b)5.		664.0071(1)(c)2.

Section U: Manifest Discrepancies

U.01: Facility had a manifest discrepancy since last inspection. If NO, then go to next section.		N.A.
U.02: Upon discovering a significant discrepancy, the facility attempted to reconcile the discrepancy with the waste generator or transporter (e.g., with telephone conversations).		664.0072(2).
U.03: Upon discovering a significant discrepancy, the owner or operator shall attempt to reconcile the discrepancy with the waste generator or transporter (e.g., with telephone conversations). If the discrepancy is not resolved within 15 days after receiving the waste, the owner or operator shall immediately submit to EPA's e-manfest system a letter describing the discrepancy and attempts to reconcile it, and a copy of the manifest or shipping paper at issue.		664.0072(3)

Section V: Manifest Rejected Waste

General

V.01: Facility had rejected a hazardous waste since last inspection. If NO, then go to next section.		N.A.
V.02: The facility (upon rejecting waste or identifying a container residue that exceeds the quantity limits for RCRA empty containers) consulted with the generator prior to forwarding the waste to another facility that can manage the waste.		664.0072(4)(a)
V.03: The facility (within 60 days of the rejection or the container residue identification) sent the waste to the alternative facility or back to the generator if it is impossible to locate an alternative facility that can receive the waste.		664.0072(4)(a)
V.04: The facility secured the waste while making arrangements to forward the rejected wastes or residues to an alternative facility or back to the generator if it is impossible to locate an alternative facility that can receive the waste.		664.0072(4)(b)

Full Load Rejection: To an alternative facility while the transporter is present at the facility

V.05: For full or partial load rejections and residues that are to be sent off-site to an alternate facility, the facility prepared a new manifest in accordance with s. NR 662.020(1) and all of the following. If not applicable go to next subsection.		N.A.
V.06: The facility (when rejecting a full load to an alternative facility while the transporter remains present) completed item 18b (i.e., alternate facility space) of the original manifest		664.0072(5)(g)
V.07: The facility (when rejecting a full load to an alternative facility while the transporter remains present) retained a copy of the original manifest.		664.0072(5)(g)
V.08: The facility (when rejecting a full load to an alternative facility while the transporter remains present) gave the remaining copies of the manifest to the transporter.		664.0072(5)(g)

Full Load Rejection: To the generator while the transporter is present at the facility

V.09: If not applicable go to next subsection.		N.A.
V.10: The facility (when rejecting a full load to the generator while the transporter remains present) completed item 18b (i.e., alternate facility space) of the original manifest		664.0072(6)(g)
V.11: The facility (when rejecting a full load to the generator while the transporter remains present) retained a copy of the original manifest.		664.0072(6)(g)
V.12: The facility (when rejecting a full load to the generator while the transporter remains present) gave the remaining copies of the manifest to the transporter		664.0072(6)(g)

Full/Partial Load Rejection: To an alternative facility when the transporter is not present at the facility

V.13: If not applicable go to next subsection.		N.A.
V.14: Write the generator's EPA ID number in Item 1 of the new manifest.		664.0072(5)(a)
V.10: Write the generator's name and mailing address in Item 5 of the new manifest. If the mailing address is different from the generator's site address, then write the generator's site address in the designated space for Item 5.		664.0072(5)(a)

Section V: Manifest Rejected Waste

Full/Partial Load Rejection: To an alternative facility when the transporter is not present at the facility

V.16: Write the name of the alternate designated facility and EPA ID number in item 8 of the new manifest.		664.0072(5)(b)
V.17: Copy the manifest tracking number found in Item 4 of the old manifest to item 14 of the new manifest.		664.0072(5)(c)
V.18: In item 14 of the new manifest indicate that the shipment is a residue or rejected waste from the previous shipment.		664.0072(5)(c)
V.19: Copy the manifest tracking number found in Item 4 of the new manifest to Item 18a of the old manifest.		664.0072(5)(d)
V.20: Write the DOT description, container types, quantity, and volume of waste in Item 9 of the new manifest.		664.0072(5)(e)
V.21: Sign item 15 to certify, as the offeror of the shipment, that the waste has been properly packaged, marked, and labeled and is in proper condition for transportation.		664.0072(5)(f)
V.22: Mail a signed copy of the manifest to the generator identified in Item 5 of the new manifest.		664.0072(5)(f)

Full/Partial Load Rejection: To the generator when the transporter is not present at the facility

V.23: If not applicable go to next subsection		N.A.
V.24: Write the generator's EPA ID number in Item 1 of the new manifest.		664.0072(6)(a)
V.25: Write the facility's name and mailing address in Item 5 of the new manifest. If the mailing address is different from the facility's site address, then write the facility's site address in the designated space for Item 5.		664.0072(6)(a)
V.26: Write the name of the initial generator and the initial generator EPA ID number in item 8 of the new manifest.		664.0072(6)(b)
V.27: Copy the manifest tracking number found in Item 4 of the old manifest to item 14 of the new manifest.		664.0072(6)(c)
V.30: In item 14 of the new manifest indicate that the shipment is a residue or rejected waste from the previous shipment.		664.0072(6)(c)
V.29: Copy the manifest tracking number found in Item 4 of the new manifest to Item 18a of the old manifest.		664.0072(6)(d)
V.30: Write the DOT description, container types, quantity, and volume of waste in Item 9 of the new manifest.		664.0072(6)(e)
V.31: Sign item 15 to certify, as the offeror of the shipment, that the waste has been properly packaged, marked, and labeled and is in proper condition for transportation.		664.0072(6)(f)

Section V: Manifest Rejected Waste

Full/Partial Load Rejection: To the generator when the transporter is not present at the facility

V.32: The facility (when rejecting full or partial load/container residues in non-RCRA empty containers to the generator while the transporter remains present) gave the remaining copies of the manifest to the transporter		664.0072(6)(h)

Full/Partial Load Rejection: To the generator after signing and returning the manifest to the transporter or

V.33: If not applicable go to next section		N.A.
V.34: The facility amended its copy of the manifest in the discrepancy space of the amended manifest to indicate that the facility rejected the wastes/container residues.		664.0072(7)
V.35: The facility copied the manifest tracking number from Item 4 of the new manifest to the discrepancy space of the amended manifest.		664.0072(7)
V.36: The facility re-signs and dates the manifest to certify to the information as amended		664.0072(7)
V.37: The facility retained the amended manifest for at least 3 years from the date of amendment.		664.0072(7)
V.38: The facility sent a copy of the amended manifest (within 30 days) to the transporter and generator that received copies prior to their manifest being amended		664.0072(7)
V.39: The facility sent one copy of the amended manifest (within 45 days) to the department in an electronic format specified by the department.		664.0072(7)

Section W: Operating Record

W.01: All of the following information must be recorded, as it becomes available, and maintained in the operating record for 3 years unless otherwise noted.		N.A.
W.02: Records showing that each hazardous waste received at the facility includes the following (appendix I of chapter NR 664): a. A description of the waste by its common name. b. All applicable EPA hazardous numbers for the waste. c. The physical form of the waste (e.g., liquid, sludge, solid or contained gas). d. The process that produced the waste (e.g., solid filter cake from the WWTU treating wastewaters generated from electroplating operations). This information must be maintained in the operating record until closure of the facility.		664.0073(2)(a)
W.03: Records showing that each hazardous waste received at the facility includes the estimated or manifest-reported weight, or volume and density, where applicable, in one of the units of measure identified by the codes listed in table 1 of appendix I of ch. NR 664. This information must be maintained in the operating record until closure of the facility.		664.0073(2)(a)
W.04: Records showing that each hazardous waste received at the facility includes the handling codes from table 2 of appendix I of ch. NR 664 that most closely represent the techniques used at the facility to treat, store or dispose of each quantity of hazardous waste received. This information must be maintained in the operating record until closure of the facility.		664.0073(2)(a)

Section W: Operating Record

W.05: Records showing that the location of each hazardous waste within the facility and the quantity at each location, which are cross-reference to manifest document numbers. if the waste was accompanied by a manifest. This information must be maintained in the operating record until closure of the facility.		664.0073(2)(b)
W.06: Records of waste analyses and waste determinations performed as specified in ch. NR 664 and ss. NR 668.04(1) and 668.07.		664.0073(2)(c)
W.07: Records of summary reports and details of all incidents that require implementing the contingency plan as specified in s. NR 664.0056(9).		664.0073(2)(d)
W.08: Records and results of inspections as required by s. NR 664.0015(4).		664.0073(2)(e)
W.09: Records and results pertaining to monitoring, analytical data, and corrective actions activities. Records and results pertaining to groundwater monitoring and cleanup must be maintained in the operating record until closure of the facility.		664.0073(2)(f)
W.10: Records showing that the facility has sent notices to generators showing that the facility has the appropriate licenses for and will accept the waste the generator is shipping.		664.0073(2)(g)
W.11: Records showing that closure cost estimates under s. NR 664.0142, This information must be maintained in the operating record until closure of the facility.		664.0073(2)(h)
W.12: Records showing that at least annually the facility certifies that it has a program in place to reduce the volume and toxicity of hazardous waste generated at the facility to the degree determined by the facility to be economically practicable; and the proposed method of treatment, storage or disposal is that practicable method currently available to the facility which minimizes the present and future threat to human health and the environment.		664.0073(2)(i)
W.13: LDR documentation (per s. NR 668.07) for waste shipped to an off?site treatment facility.		664.0073(2)(k)
W.14: LDR documentation (per s. NR 668.07 - except the manifest number) for waste treated on-site.		664.0073(2)(L)
S.15: LDR documentation (per s. NR 668.07) for waste shipped to an off-site land disposal facility.		664.0073(2)(m)
W.16: LDR documentation (per s. NR 668.07) for waste shipped to an off-site storage facility		664.0073(2)(o)
W.17: LDR documentation (per s. NR 668.07 - except the manifest number) for waste stored on-site.		664.0073(2)(p)

Section X: Reports - Annual

X.01: The facility submitted their annual report to the department by March 1 of each year.		664.0075
X.02: The annual report contained the EPA identification number of each hazardous waste generator from which the facility received a hazardous waste during the year. For imported shipments, the report shall give the name and address of the foreign generator.		664.0075(3)

Section X: Reports - Annual

X.03: The annual report contained a description and the quantity of each hazardous waste the facility received during the year. For off-site facilities, this information is listed by EPA identification number of each generator.		664.0075(4)
X.04: The annual report contained the method of treatment, storage, or disposal for each hazardous waste.		664.0075(5)
X.05: The annual report contained the most recent closure cost estimate under s. NR 664.0142, and, for disposal facilities, the most recent long-term care cost estimate under s. NR 664.0144.		664.0075(7)
X.06: The annual report contained the certification signed by the owner or operator of the facility or an authorized representative.		664.0075(10)

Section Y: Reports - Unmanifested Waste

Y.01: If the facility accepts any hazardous waste from an off-site source without an accompanying manifest (or without an accompanying shipping paper as described in s. NR 663.20(5)) and if the waste is not excluded from the manifest requirement by chs. NR 660 to 679 then complete this section. If NO, then go to next section. Within 15 days after receiving the waste, the facility sent to EPA's e-manifest system a unmanifested waste report that contained the following:		N.A.
Y.02: The unmanifested report contained the EPA identification number, name, and address of the facility.		664.0076(1)(a)
Y.03: The unmanifested report contained the EPA identification number, name, and address of the facility.date the facility received the waste.		664.0076(1)(b)
Y.04: The unmanifested report contained the EPA identification number, name and address of the generator and the transporter, if available.		664.0076(1)(c)
Y.05: The unmanifested report contained a description and the quantity of each unmanifested hazardous waste the facility received.		664.0076(1)(d)
Y.06: The unmanifested report contained the method of treatment, storage, or disposal for each hazardous waste		664.0076(1)(e)
Y.07: The unmanifested report contained a certification signed by the owner or operator of the facility or an authorized representative.		664.0076(1)(f)
Y.08: The unmanifested report contained a brief explanation of why the waste was unmanifested, if known.		664.0076(1)(g)

Section Z: Containers

Z.01: Storage areas that store containers holding only hazardous wastes that do not contain free liquids and are not F020, F021, F022, F023, F026 or F027 do not need to have a secondary containment system as defined by s. NR 664.0175(2) provided that one of the following is met: a. The storage area is sloped or is otherwise designed and operated to drain and remove liquid resulting from precipitation. b. The containers are elevated or are otherwise protected from contact with accumulated liquid. Storage areas that store containers holding F020, F021, F022, F023, F026 or F027 wastes that do not contain free liquids must have a containment system defined by s. NR 664.0175(2).		N.A.
Z.02: Hazardous waste containers are in good condition.		664.0171
Z.03: Hazardous waste containers are appropriate for the waste being contained.		664.0172
Z.04: Hazardous waste containers are kept closed unless adding or removing waste, or for opening of a safety device.		664.0173(1)
Z.05: Hazardous waste containers are not opened, handled, or accumulated in a manner that may rupture the container or cause it to leak.		664.0173(2)
Z.06: The license container storage areas are inspected weekly.		664.0174
Z.07: The secondary containment system is free of cracks or gaps and is sufficiently impervious to contain leaks, spills, and accumulated precipitation until the collected material is detected and removed.		664.0175(2)(a)
Z.08: The facility operates the secondary containment system to drain and remove liquids resulting from leaks, spills, or precipitation, unless the containers are elevated or are otherwise protected from contact with accumulated liquids.		664.0175(2)(b)
Z.09: The secondary containment system to have sufficient capacity to contain 10% of the volume of containers or the volume of the largest container, whichever is greater.		664.0175(2)(c)
Z.10: The facility prevents run-on into the secondary containment unless the collection system has sufficient excess capacity in addition to that required in s. NR 664.0175(2)(c) (i.e., 10%) to contain any run?on which might enter the secondary containment system.		664.0175(2)(d)
Z.11: Spilled or leaked waste and accumulated precipitation are removed from the sump or collection area in as timely a manner as is necessary to prevent overflow of the collection system.		664.0175(2)(e)
Z.12: Containers of ignitable or reactive waste are stored at least 50 feet from the property line, unless written approval has been granted waiving this requirement.		664.0176
Z.13: Incompatible wastes, or incompatible wastes and materials may not be placed in the same container, unless s. NR 664.0017(2) is complied with.		664.0177(1)
Z.14: Hazardous waste may not be placed in an unwashed container that previously held an incompatible waste or material.		664.0177(2)
Z.15: Containers of incompatible waste are physically separated by space or structure.		664.0177(3)

Section Z: Containers

Z.16: The facility clearly marks each hazardous waste container is with the words "Hazardous Waste."		668.50(1)(b)1.a.
V.17: The facility clearly marks each hazardous waste container the EPA hazardous waste number/ codes.		668.50(1)(b)1.b.
Z.18: The facility clearly marks each hazardous waste container with an indication of the hazards of the contents.		668.50(1)(b)1.c.
Z.19: The facility clearly marks each hazardous waste container with the date of when the containers was received by the facility.		668.50(1)(b)1.d.

Section ZA: LDR Prohibitions on Storage

Prohibitions on Storage

ZA.01: For waste (includes decharacterized hazardous waste that does not meet the LDR treatment standard) stored over 1-year. The facility can provide documentation to the department showing that the waste was solely stored for the purpose of accumulation of quantities of hazardous waste as are necessary to facilitate proper recovery, treatment, or disposal. Note that this storage provisions do not apply to PCB wastes prohibited under s. NR 668.32.		668.50(3)
ZA.02: For liquid hazardous wastes containing PCBs at concentrations greater than or equal to 50 ppm are stored at a facility that meets the requirements of 40 CFR 761.65(b).		668.50(6)
ZA.03: For liquid hazardous wastes containing PCBs at concentrations greater than or equal to 50 ppm are removed from storage and treated or disposed as required by chapter 668 within 1-year of the date when the wastes are first placed into storage.		668.50(6)

Waste that are only Trans-shipped by the TSD Facility

ZA.04: The facility complied with the generator's notification and certification requirements of s. NR 668.07(1) when sending the waste or treatment residue off-site to another TSD facility. Must complete the LDR section of the LQG inspection form.		668.07(2)(e)

Waste that are Treated by the TSD Facility

ZA.05: Generator who treats or dispose of a hazardous waste. If NO go to next section.		
ZA.06: Hazardous waste is not diluted		668.03(1)
ZA.07: Metal bearing hazardous waste is not combusted.		668.03(3)
ZA.08: Dilution: Iron filings or other metallic forms of iron are not added to lead-containing hazardous wastes in order to achieve any LDR treatment standard for lead.		668.03(4)
ZA.09: The generator developed a WAP if treating waste and contaminated soils.		668.07(1)(e)

Section ZA: LDR Prohibitions on Storage

Waste that are Treated by the TSD Facility

ZA.10: The generator followed the WAP if treating waste and contaminated soils.		668.07(1)(e)
ZA.11: WAP- The WAP is based on a detailed chemical and physical analysis of a representative sample of the waste being treated and contain all information necessary and testing frequency to treat the waste in accordance with the requirements of chapter NR 668.		668.07(1)(e)1.
ZA.12: The WAP is retained on-site for at least 3 years from the date of the last on-site treatment.		668.07(1)(e)2.
ZA.72: WAP- Wastes shipped off-site complies with the notification and certification requirements of s. NR 668.07(1)(c).		668.07(1)(e)3.
ZA.14: Hazardous waste meets treatment standards before land disposed.		668.40(1)
ZA.15: For all nonwastewaters and D004 through D011 wastewaters, compliance with concentration level standards is based on grab sampling.		668.40(2)
ZA.16: Wastewaters not containing D004 through D011 wastes, concentration levels are based on maximums for one day.		668.40(2)
ZA.17: The treatment residue meets the lowest treatment standard for the constituent of concern when wastes with differing treatment standards are combined for the purpose of treatment.		668.40(3)
ZA.18: Compliance with treatment standards for organics are specified by footnote 10 in treatment standards table.		668.40(4)
ZA.19: Characteristic wastes not managed in a wastewater or CWA equivalent unit meet universal treatment standards.		668.40(5)
ZA.20: When a F001 to F005 nonwastewater that contains one or more of the constituents carbon disulfide, cyclohexanone, or methanol, then these constituents must be included on the LDR notification form. If any of these three constituents are present in the waste along with the other solvent constituents, then these three constituents are not “constituents of concern” and are not required to be included on the LDR notification form.		668.40(6)
ZA.21: Prior to land disposal hazardous debris met one or more of the following: 1. The debris meet the treatment standard in 668.40. 2. The department determines under s. NR 661.03(6)(b) that the debris is no longer contaminated with hazardous waste. 3. The debris is treated to the waste-specific treatment standard provided in 668.45.		668.45(1)
ZA.22: Prior to land disposal, a hazardous waste that exhibits a characteristic of a hazardous waste also complied with any applicable treatment standards for a listed hazardous waste.		668.09(3)
ZA.23: The treatment facility tested their wastes according to the frequency specified in their waste analysis plans.		668.07(2)
ZA.24: The TCLP test showed that the treatment residue meets the applicable treatment standards. .		668.07(2)(a)
ZA.25: The totals test showed that the treatment residue meets the applicable treatment standards. .		668.07(2)(b)

Section ZA: LDR Prohibitions on Storage

Waste that are Shipped Directly to a Land Disposal Facility by the TSD Facility

ZA.26: Does the TSD ship waste directly for land disposal? If NO go to next section.		
ZA.27: The TCLP test showed that the treatment residue meets the applicable treatment standards		668.07(2)(a)
ZA.28: The totals test showed that the treatment residue meets the applicable treatment standards		668.07(2)(b)
ZA.29: The treatment facility sent a one-time notice with the initial shipment of waste or contaminated soil to the land disposal facility.		668.07(2)(c)
ZA.30: A copy of the one-time notice the facility sent to the land disposal facility is in the treatment facility's file.		668.07(2)(c)
ZA.31: The one-time notice the facility sent to the land disposal facility contains the EPA hazardous waste numbers.		668.07(2)(c)2
ZA.32: The one-time notice the facility sent to the land disposal facility contains the manifest number of first shipment.		668.07(2)(c)2
ZA.33: The one-time notice the facility sent to the land disposal facility states that this waste is subject to the LDRs.		668.07(2)(c)2.
ZA.34: The one-time notice the facility sent to the land disposal facility identifies the constituents of concern for F001-F005, and F039. Note if all constituents will be treated and monitored, there is no need to put them all on the LDR notice.		668.07(2)(c)2.
ZA.35: The one-time notice the facility sent to the land disposal facility identifies the underlying hazardous constituents for characteristic waste.		668.07(2)(c)2.
ZA.36: The one-time notice the facility sent to the land disposal facility identifies the applicable wastewater/ nonwastewater category.		668.07(2)(c)2.
ZA.37: The one-time notice the facility sent to the land disposal facility identifies the subcategory.		668.07(2)(c)2.
ZA.38: The one-time notice the facility sent to the land disposal facility includes the waste analysis data.		668.07(2)(c)2.
ZA.39: The one-time notice the facility sent to the land disposal facility for contaminated soil subject to the alternative treatment standard contains the following statement: "This contaminated soil [does/does not] exhibit a characteristic of hazardous waste and [is subject to/complies with] the soil treatment standards as provided by s. NR 668.49 (3)."		668.07(2)(c)2.

Disposal of Debris to a Land Disposal Facility

ZA.40: Does the facility claim that hazardous debris is excluded from the definition of hazardous waste under s. NR 661.0003(6) (i.e., debris treated by an extraction or destruction technology provided by s. NR 668.45, Table 1, and debris that the department has determined does not contain hazardous waste)? If NO go to next section.		
ZA.41: The one-time notice the facility sent to the department identifies the name and address of an approved facility that accepting the debris for disposal.		668.07(4)(a)1.

Section ZA: LDR Prohibitions on Storage

Disposal of Debris to a Land Disposal Facility

ZA.42: The one-time notice the facility sent to the department contains a description of the hazardous debris as initially generated.		668.07(4)(a)2.
ZA.43: The one-time notice the facility sent to the department contains the applicable EPA hazardous waste number or numbers.		668.07(4)(a)2.
ZA.44: The one-time notice the facility sent to the department identifies the technology from s. NR 668.45, Table 1, used to treat the debris.		668.07(4)(a)3.
ZA.45: The notification is updated if the debris is shipped to a different facility.		668.07(4)(b)
ZA.46: The notification is updated for debris excluded under s. NR 661.0002(5)(a), when a different type of debris is treated or if a different technology is used to treat the debris.		668.07(4)(b)
ZA.47: For debris excluded under s. NR 661.0003 (6)(a). The facility keeps records of all inspections, evaluations, and analyses of treated debris that are made to determine compliance with the treatment standards of s. NR 668.45, table 1.		668.07(4)(c)1.
ZA.48: The treatment facility keeps records of any data or information the treatment facility obtains during treatment of the debris that identifies key operating parameters of the treatment unit.		668.07(4)(c)2.

Certification

ZA.49: Does the facility treat waste resulting in the facility using certification statements with the LDR form? If NO go to next section.		N.A.
ZA.50: The treatment facility submitted a one-time certification (signed by an authorized representative of the facility) with the initial shipment of waste or treatment residue that the restricted waste sent to land disposal facility meets the treatment standards specified in s. NR 668.40.		668.07(2)(d)
ZA.51: A copy of the one-time certification is placed in the treatment facility's on-site files.		668.07(2)(d)1.
ZA.52: The one-time certification for wastes that has been decharacterized and did not contain underlying hazardous constituents at the point of generation states the following: "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in s. NR 668.40 [or 40 CFR 268.40] without impermissible dilution of the prohibited waste. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."		668.07(2)(d)
ZA.53: The one-time certification for wastes that has been decharacterized and meets the universal treatment standards for the underlying hazardous constituents states the following: "I certify under penalty of law that the waste has been treated in accordance with the requirements of s. NR 668.40 [40 CFR 268.40] to remove the hazardous characteristic and that underlying hazardous constituents, as defined in s. NR 668.02 (9) have been treated on-site to meet the universal treatment standards under s. NR 668.48 [or 40 CFR 268.48]. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."		668.07(2)(d)5.

Section ZA: LDR Prohibitions on Storage

Certification

ZA.54: The one-time certification for wastes that has been decharacterized and does not meet the universal treatment standards for the underlying hazardous constituents states the following: "I certify under penalty of law that the waste has been treated in accordance with the requirements of s. NR 668.40 or 668.49 [or 40 CFR 268.40 or 268.49] to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."		668.07(2)(d)4.
ZA.55: The one-time certification for contaminated soil treated to the alternative treatment standards states the following: "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in s. NR 668.49 [or 40 CFR 268.49] without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."		668.07(2)(d)
ZA.56: The one-time on-site certification for debris treated to the alternative treatment standard states the following: "I certify under penalty of law that the debris has been treated in accordance with the requirements of s. NR 668.45. I am aware that there are significant penalties for making a false certification, including the possibility of fine and imprisonment."		668.07(4)(c)3.
ZA.57: Wastes with organic constituents having treatment standards expressed as concentration levels. If compliance with the treatment standards is based in whole or in part on the analytical detection limit alternative specified in s. NR 668.40(4), then the one-time certification states the following: "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by combustion units as specified in s. NR 668.42 [or 40 CFR 268.42], Table 1. I have been unable to detect the nonwastewater organic constituents, despite having used best good?faith efforts to analyze for these constituents. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."		668.07(2)(d)3.
ZA.58: The one-time certification for HTMR residues from treating K061, K062, or F004 states the following: "I certify under penalty of law that the generic exclusion levels for all constituents have been met without impermissible dilution and that no characteristic of hazardous waste is exhibited. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."		661.0003(3)(b)2.c.
ZA.59: Does the TSD produce waste derived products? If NO go to section.		N.A.

Waste-Derived Product

ZA.60: For wastes that are a recyclable material that are used in a manner constituting disposal under s. NR 666.20(2), the facility prepared a one?time on-site certification as described in s. 668.07(2)(d).		668.07(2)(f)
ZA.61: For wastes that are a recyclable material that are used in a manner constituting disposal under s. NR 666.20(2), the facility prepared a one?time on-site notification in s. 668.07(2)(d) (except the manifest number)..		668.07(2)(f)

Section ZA: LDR Prohibitions on Storage

Waste-Derived Product

ZA.62: For wastes that are a recyclable material that are used in a manner constituting disposal under s. NR 666.20(2), the facility, the facility keeps records of the name and location of each entity receiving the hazardous waste-derived product.		668.07(2)(f)

For Soils Subject to the LDR Requirements

ZA.63: For department issues no longer contains determination for soils contaminated with listed hazardous waste or facility no longer contains determination for soils contaminated with characteristic hazardous waste. Is the facility using department issued no longer contains determinations? If NO go to next section.		N.A.
ZA.64: The facility prepared a one-time only documentation of these determinations including all supporting information.		668.07(5)(a)
ZA.65: The facility maintains the information in the facility files and other records for a minimum of 3 years.		668.07(5)(b)

Section ZB: Class 1 Plan Modifications not needing Department Approval

ZB.01: Did the facility have a class 1 plan modifications (e.g., updates to contingency plans, technical corrections to the FPOR, equipment replacement). If NO, go to next section.		N.A.
ZB.02: The facility notified the department within 7 calendar days when a class 1 plan modification was put into effect.		670.042(1)(a)1.
ZB.03: The class 1 plan modification notice specified the changes being made to the license conditions or supporting documents referenced by the license and explained why those changes are necessary.		670.042(1)(a)1.
ZB.04: The class 1 plan modification notice contains the applicable information required by ss. NR 670.013 to 670.029 and 670.062.		670.042(1)(a)1.
ZB.05: The facility sent a notice of the class 1 plan modification to all persons on the facility mailing list and the appropriate units of state and local government, as identified in s. NR 670.410 (3) (a) 9. to 11. 670.042(1)(a)1.		670.042(1)(a)2.
ZB.06: The class 1 plan modification notification was made within 90 calendar days after the change is put into effect.		670.042(1)(a)2.
ZB.07: The class 1-1 plan (requires department approval) modification notifications to appropriate units of state and local government was made within 90 calendar days after the department approves the facility's request.		670.042(1)(a)2.
ZB.08: If a class 1 plan modification was rejected by the department, the facility complied with the original license conditions.		670.042(1)(a)3.

Section ZC: Subchapter AA - Air Emission Standards for Process Vents

ZC.01: Subpart AA process vent applicability exemption is only available at a facility where each and every process vent that would otherwise be subject to Subpart AA is equipped with and operating air emission controls in compliance with an applicable CAA standard under Part 60, 61, or 63. To qualify for the applicability exemption, the emissions from each Subpart AA process vent must be routed through a closed-vent system to an air emission control device. Therefore, a unit that does not use the required air emission controls but is in compliance with a NESHAP through an "emission averaging" or "bubbling" provision does not qualify for the exemption.		N.A.
ZC.02: Is hazardous waste groundwater that contains organics that are >10 ppmw pump to a feed tank and then to an air stripper column and then reinjected back into the ground? If YES, then subchapter AA applies. If NO, go to next section.		N.A.

Section ZD: Subchapter BB - Air Emission Standards for Equipment Leaks

RCRA Air BB: Applicability (664.1050)

ZD.01: Is there equipment (e.g., valves, pumps, compressors, pressure-relief devices, sampling systems, open-ended valves or lines, flanges, and other connectors) that contains or contacts hazardous wastes containing (>= 10% by weight organic content being transferred into RCRA permitted units (tanks, container, recycling). If NO, then subchapter BB does not apply to this equipment. 664.1050(2)		N.A.
ZD.02: Is there equipment in vacuum service (5 kPa below ambient air pressure per 664.1031(23)) that is identified in the operating record of the facility per 664.1064(7)(e). If YES, then subchapter BB (664.1052 to 664.1064) does not apply to this equipment. 664.1050(5).		
ZD.03: Is there equipment that contains or contacts hazardous waste for less than 300 hours per calendar year and is identified in the operating record of the facility per 664.1064(7)(f). If YES, then subchapter BB (664.1052 to 664.1064) does not apply to this equipment. 664.1050(6)		
ZD.04: Is the equipment in compliance with the Clean Air Act (CAA)? If YES, subchapter BB does not apply to this equipment. To be eligible for the exemption provided by the relevant CAA requirements must be applicable to the subpart BB equipment; the relevant CAA requirements must include provisions for operation, monitoring, and repair of the Subpart BB equipment; the relevant CAA requirements must be codified within 40 CF part 60, 61, or 63; and compliance with the relevant CAA requirements must be documented in the facility operating record. 664.1064(13)		
ZD.05: Does the facility generate waste from the surface coating of automobiles and the facility uses this exclusion and meets the record keeping requirements of s. NR 665.1064(11) for the related equipment? If YES, then BB does not apply to this equipment. 664.1050(8)		

RCRA Air BB: General

ZD.06: The facility has a leak detection and repair program (LDAR) and is in substantial compliance with subchapter BB of chapter NR 664? If NO go to next section. Subch. BB of ch. NR 664		Subch. BB of 664
ZD.07: Each piece of equipment to which subchapter BB applies is marked in such a manner that it can be distinguished readily from other pieces of equipment.		664.1050(4)

RCRA Air BB: Pumps (non-sealless) in light liquid service where external actuated shaft penetrates the pump

ZD.08: Are there any non-sealless pumps in light liquid service? If NO go to next subsection. Non-sealless pumps equipped with a closed?vent system capable of capturing and transporting any leakage from the seal or seals to a control device that complies with s. NR 664.1060 are exempt from s. NR 664.1052 (1) to (5).		

Section ZD: Subchapter BB - Air Emission Standards for Equipment Leaks

RCRA Air BB: Pumps (non-sealless) in light liquid service where external actuated shaft penetrates the pump

ZD.09: Each pump in light liquid service is monitored monthly to detect leaks by the methods specified in s. NR 665.1063(2).		664.1052(1)(a)
ZD.10: Each pump in light liquid service is checked by visual inspection each calendar week for liquids dripping.		664.1052(1)(b)
ZD.11: When a leak is detected from a pump, the first attempt at repair was made no later than 5 calendar days after it was detected. A leak is one of the following: a. A method 21 instrument reading of 10,000 ppm or greater is measured, a leak is detected (s. NR 665.1052(2)(a)). b. There are indications of liquids dripping from the pump seal, a leak is detected (s. NR 665.1052(2)(b)).		664.1052(3)(b)
ZD.12: When a leak is detected from a pump, the pump is repaired as soon as practicable, but not later than 15 calendar days after it is detected.		664.1052(3)(a)

RCRA Air BB: Pump (sealless) in light liquid service where external actuated shaft does not penetrates the pump

ZD.13: Are there any sealless pumps in light liquid service? If NO go to next subsection. Sealless pumps equipped with a closed?vent system capable of capturing and transporting any leakage from the seal or seals to a control device that complies with s. NR 664.1060 are exempt from this subsection (664.1052 (1) to (5)).		N.A.
ZD.14: The sealless pump is identified and signed by the facility in the operating log as a no detectable emission pump.		664.1064(7)(b)
ZD.15: The sealless pump operates with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background measured by Method 21 as specified in s. NR 664.1063(3).		664.1052(5)(b)
ZD.16: Initial upon designation the sealless pump was shown to operate with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background measured by Method 21 as specified in s. NR 664.1063(3).		664.1052(5)(c)
ZD.17: Annually the sealless pump was shown to operate with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background measured by Method 21 as specified in s. NR 664.1063(3).		664.1052(5)(c)

RCRA Air BB: Pressure relief device in gas or vapor service (664.1054)

ZD.18: Are there pressure relief devices associated with any equipment transferring hazardous waste with at least 10% organics that are not connected to the top of a tanks? If NO, go to next subsection. Any pressure relief device that is equipped with a closed-vent system capable of capturing and transporting leakage from the pressure relief device to a control device described in s. NR 664.1060 is exempt from this subsection.		N.A.
ZD.19: Except during pressure releases, each pressure relief device in gas or vapor service is operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background when measured by the Method 21.		664.1054(1)(a)
ZD.20: After each pressure release, the pressure relief device is returned to a condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in s. NR 665.1059.		664.1054(2)(a)
ZD.21: If the facility ever had a pressure release event with a device in this section, the device was returned to no detectable emissions within 5 days.		664.1054(2)(b)

Section ZD: Subchapter BB - Air Emission Standards for Equipment Leaks

RCRA Air BB: Sampling connection systems (664.1055)

ZD.22: Are there sampling connectors in contact with hazardous waste with greater than 10% organic content? If NO, then go to next subsection. In-situ sampling systems and sampling systems without purges are exempt from this subsection.		N.A.
ZD.23: Each sampling connection system is equipped with a closed-purge, closed-loop, or closed-vent system.		664.1055(1)
ZD.24: Each sampling connector for a closed-purge, closed-loop, or closed-vent system meets one of the following: a. It returns the purged process fluid directly to the process line or routing to the appropriate treatment system. b. It collects and recycles the purged process fluid. c. It is designed and operated to capture and transport all the purged process fluid to a waste management unit that meets container, tank or closed vent system RCRA air emission standards.		664.1055(2)

RCRA Air BB: Open-ended valves or lines (664.1056)

ZD.25: Are there any open-ended valves, open ended lines or valves in series transferring hazardous waste with 10% or greater organics? If NO go to next subsection.		N.A.
ZD.26: For each open-ended line or valve, a cap, blind flange, plug, or second valve seals the open end at all times except during operations.		664.1056(1)
ZD.27: When there are two valves used to meet the open-ended standard, the valve closest to the source of the hazardous waste is closed first and the valve closest to the opening is closed second.		664.1056(2)
ZD.28: All double block and bleed system closed except when the line requires venting.		664.1056(3)

RCRA Air BB: Valves in gas or vapor service or in light liquid service (664.1057)

ZD.29: Are there any valves in gas, vapor, or light liquid service? If NO go to next subsection.		N.A.
Zd.30: Each valve in gas, vapor or light liquid service is monitored monthly to detect leaks using Method 21. Exceptions to monthly monitoring: a. Quarterly monitoring is permitted when a valve does not leak for 2 consecutive months (664.1057(3)). b. Semiannual monitoring of valves within a hazardous waste management unit is permitted when no more than 2% of the valves are leaking during 2 consecutive quarters (664.1062(2)(b)). c. Annual monitoring of valves within a hazardous waste management unit is permitted when no more than 2% of the valves are leaking during 5 consecutive quarters (664.1062(2)(c)). d. Annual monitoring of valves within a hazardous waste management unit is permitted when no more than 2% of the valves are leaking (664.1061). If an instrument reading of 10,000 ppm or greater is measured, a leak is detected		664.1057(1)
ZD.31: When a leak is detected from a valve, the first attempt at repair was made no later than 5 calendar days after each leak is detected.		664.1057(4)(b)
ZD.32: When a leak is detected from a valve, the valve is repaired as soon as practicable, but not later than 15 calendar days after it is detected.		664.1057(4)(a)

Section ZD: Subchapter BB - Air Emission Standards for Equipment Leaks

RCRA Air BB: Valves in gas or vapor service or in light liquid service (664.1057)

ZD.33: Sealless valves (e.g., diaphragm valve) have previously been identified and signed by the facility in the operating log as a no detectable emission valve.		664.1064(7)(b)
ZD.34: For any valve that is designated as unsafe to monitor, the valve is identified in the operating log with an explanation of why it is unsafe and a plan on how the monitoring will be conducted.		664.1064(8)(a)
ZD.35: For any valve that is designated as unsafe to monitor, the facility adhered to a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor times.		664.1057(7)(b)
ZD.36: For any valve that is designated as difficult to monitor, the valve is identified in the operating log with an explanation of why it is difficult or unsafe and a plan on how the monitoring will be conducted.		664.1064(8)(b)
ZD.37: For any valve that is designated as difficult to monitor, the facility adhered to a written plan that requires monitoring of the valve at least once per calendar year.		664.1057(8)(c)
ZD.38: For any valve that designated as using an alternative valve monitoring schedule, the facility identifies in the operating record the schedule for monitoring the valve.		664.1064(9)(a)
ZD.39: For any valve that designated as using an alternative valve monitoring schedule, the facility identifies in the operating record the percentage of leaking valves found during each monitoring period.		664.1064(9)(b)

RCRA Air BB: Pumps and valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid

ZD.40: Are there any flanges, connectors, or other equipment in contact with hazardous waste in heavy liquid service? If NO go to next subsection. Note that any connector that is inaccessible or is ceramic or ceramic-lined (e.g., porcelain, glass or glass-lined) is not subject to this section (s. NR 665.1058(5)).		N.A.
ZD.41: When the facility detects (e.g., visual, audible, olfactory or any other detection method) a leak in pumps and valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, flanges, and other connectors, the facility monitors the leaking equipment within 5 days using Method 21.		664.1058(1)
ZD.42: When a leak is detected, the first attempt at repair was made no later than 5 calendar days after each leak is detected.		664.1058(3)(b)
ZD.43: When a leak is detected, repair it as soon as practicable, but not later than 15 calendar days after it is detected except when a delay of repair has been met.		664.1058(3)(a)

Section ZD: Subchapter BB - Air Emission Standards for Equipment Leaks

RCRA Air BB: Delay of repair (664.1059)

ZD.44: The facility has claimed a delay of repair. If NO go to next subsection. Delay of repair of equipment for which leaks have been detected is allowed a. if the repair is technically infeasible without a hazardous waste management unit shutdown. In such a case, repair the equipment before the end of the next hazardous waste management unit shutdown. b. If the equipment is isolated from the hazardous waste management unit and that does not continue to contain or contact hazardous waste with organic concentrations at least 10% by weight. Delay of repair beyond a hazardous waste management unit shutdown is also allowed for a valve if valve assembly replacement is necessary during the hazardous waste management unit shutdown, valve assembly supplies have been depleted and valve assembly supplies had been sufficiently stocked before the supplies were depleted. Repair may not be delayed beyond the next hazardous waste management unit shutdown unless the next hazardous waste management unit shutdown occurs sooner than 6 months after the first hazardous waste management unit shutdown.		N.A.
ZD.45: Valves claimed as delay of repair meet all of the following: a. The facility determines that emissions of purged material resulting from immediate repair are greater than the emissions likely to result from delay of repair. b. The repair procedures used collects and destroys or recover the purged material in a control device.		664.1059(3)
ZD.46: Pumps claimed as delay of repair meet all of the following: a. The repair requires use of a dual mechanical seal system that includes a barrier fluid system. b. The repair is completed as soon as practicable, but not later than 6 months after the leak was detected.		664.1059(4)

RCRA Air BB: Closed vent system to control devices (664.1060)

ZD.47: There are pieces of equipment directly and completely enveloped to immediately capture leaks and convey them for destruction. If yes, use separate archived closed vent control devices checklist. If NO, go to next subsection. If YES, complete the 'Closed Vent System to Control Devices' inspection form. "Closed-vent system" means a system that is not open to the atmosphere and that is composed of piping, connections and, if necessary, flow-inducing devices that transport gas or vapor from a piece or pieces of equipment to a control device. "Control device" means an enclosed combustion device, vapor recovery system or flare. Any device the primary function of which is the recovery or capture of solvents or other organics for use, reuse or sale (e.g., a primary condenser on a solvent recovery unit) is not a control device (s. NR 664.1031(7)).		N.A.

RCRA Air BB: Test methods and procedures (664.1063)

ZD.48: Facility complies with the requirements of Method 21.		664.1063(2)(a)
ZD.49: The facility detection instrument meets the performance criteria of Method 21.		664.1063(2)(b)
ZD.50: Monitoring device calibrated before use each day of use.		664.1063(2)(c)
ZD.51: The calibrated gas consists of zero air and a mixture of methane or n-hexane and air at a concentration of approximately, but less than, 10,000 ppm methane or n-hexane.		664.1063(2)(d)

Section ZD: Subchapter BB - Air Emission Standards for Equipment Leaks

RCRA Air BB: Test methods and procedures (664.1063)

ZD.52: Leak detection probe used to monitor for leaks is places at the closest point of a potential leak for monitoring.		664.1063(2)(e)
ZD.53: When the facility tests equipment for compliance with no detectable emissions the facility uses the Method 21 to determine background levels.		664.1063(3)(b)
ZD.54: For determining no detectable emissions (i.e., emissions less than 500 ppm above background) the facility uses the arithmetic difference between the maximum concentration indicated by the instrument and the background level.		664.1063(3)(d)
ZD.55: Samples used in determining the percent organic content were representative of the highest total organic content hazardous waste that is expected to be contained in or contact the equipment.		664.1063(7)

RCRA Air BB: Recordkeeping requirements (664.1064)

ZD.56: Facility has an equipment inventory that includes: a. Equipment (including flanged connectors) identification number and hazardous waste management unit identification. b. Approximate locations within the facility (e.g., a P&ID, piping and instrumentation diagram). c. Type of equipment (e.g., a pump or pipeline valve). d. Percent-by-weight total organics in the hazardous waste stream at the equipment. e. Hazardous waste state at the equipment (e.g., gas or vapor or liquid). f. Monitoring schedule		664.1064(2)(a)
ZD.57: When the facility detects a leak, the facility attached a weatherproof leaker tag to the leaking equipment and records on it the equipment ID and date of detection or potential leak.		664.1064(3)(a)
ZD.58: When each leak is detected, the generator recorded all of the following information in an inspection log and keep it in the facility operating record: a. The instrument and operator identification numbers and the equipment identification number. b. For pumps and valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid service and flanges and other connectors, the date evidence of a potential leak was found by visual, audible, olfactory, or any other detection. c. The date the leak was detected and the dates of each attempt to repair the leak. d. Repair methods applied in each attempt to repair the leak. e. "Above 10,000" if the maximum instrument reading measured by the methods specified in Method 21 (s. NR 665.1063(2)) after each repair attempt is equal to or greater than 10,000 ppm. f. "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak. g. Documentation supporting the delay of repair contains the following: i. The generator determines that emissions of purged material resulting from immediate repair are greater than the emissions likely to result from delay of repair. ii. When repair procedures are effected, collect and destroy or recover the purged material in a control device complying with closed-vent systems and control devices (s. NR 665.1060). iii. The signature of the owner or operator (or designate) whose decision it was that repair could not be effected without a hazardous waste management unit shutdown. iv. The expected date of successful repair of the leak if a leak is not repaired within 15 calendar days. v. The date of successful repair of the leak. g. The signature of the owner or operator (or designate) whose decision it was that repair could not be effected without a hazardous waste management unit shutdown. h. The expected date of successful repair of the leak if a leak is not repaired within 15 calendar days. i. The date of successful repair of the leak.		664.1064(4)

Section ZD: Subchapter BB - Air Emission Standards for Equipment Leaks

RCRA Air BB: Recordkeeping requirements (664.1064)

ZD.59: The generator retains records of the equipment leak information for at least 3 years.		664.1064(12)

Section ZE: Subchapter CC - Air Emission Standards for Containers & Tanks

RCRA Air CC: Applicability (664.1080)

ZE.01: There are hazardous wastes with volatile organics with at least 500 ppmw volatile organics at the point of generation managed in central accumulation containers or tanks. If NO, then go to next section.		
ZE.02: A general exemption or exclusion applies to the waste stream or unit. If a general exemption or exclusion applies, then describe hazardous waste stream and the unit used to managed it. Examples: a. Containers: i. A container having a design capacity <= 0.1 m3 (26.4 gallons). ii. Satellite accumulation containers. iii.Used oil b. Tanks: i.Totally enclosed treatment unit. ii.Elementary neutralization unit. iii. Wastewater treatment unit. iv. Immediate response unit. v. Used oil vi. Covered by subchapter AA vii. Recycling units viii. Units with controls mandated by the CAA requirements in 40 CFR 60,61, or 63.		

RCRA Air CC: Level 1 Tanks (664.1084)

ZE.03: Tanks. If no level 1 tanks go to next subsection.		N.A.
ZE.04: The facility determined the maximum organic vapor pressure before the first time hazardous waste was placed in the tank and reflects the conditions where the vapor pressure could be at their highest including the solvent combination in the tank using the procedures in 664.1084(3).		664.1085(3)(a)
ZE.05: The facility performed a new determination whenever changes to the hazardous waste managed in the tank could potentially cause the maximum organic vapor pressure to increase to a level that is equal to or greater than the maximum organic vapor pressure limit for the tank design capacity category as specified is s. NR 664.1085(2)(a), as applicable to the tank.		664.1084(3)(a)
ZE.06: facility maintains records for each determination for maximum organic vapor pressure including the date, time of the sample collection, the analysis method used, and the results.		664.1085(2)(b)1.
ZE.07: The facility has the design capacity records for all hazardous waste tanks in the operating records of the facility.		664.1064(11)
ZE.08: The tank's fixed roof and its closure devices are designed to form a continuous barrier over the entire surface area of the hazardous waste in the tank.		664.1084(3)(b)1.
ZE.09: The fixed roof is installed in a manner such that there are no visible cracks, holes, gaps or other open spaces between roof section joints or between the interface of the roof edge and the tank wall.		664.1085(3)(b)2.

Section ZE: Subchapter CC - Air Emission Standards for Containers & Tanks

RCRA Air CC: Level 1 Tanks (664.1084)

ZE.10: Each opening in the fixed roof (and any manifold system associated with the fixed roof) is properly closed but can be opened during routine inspection, maintenance, and other activities that need to be conducted during routine operations.		664.1085(3)(b)3.
ZE.11: The fixed roof and its closure devices are made of waste compatible materials that minimize volatile organic emissions to the atmosphere.		664.1085(3)(b)4.
ZE.12: A pressure-vacuum relief device (also called a conservation vent) is designed to operate with no detectable organic emissions except when materials are added to the tank or when the internal pressure of the tank changes due to environmental conditions for the purpose of maintaining the tank internal pressure according to the tank design specifications. The owner operator evaluated the pressure relief device set point to ensure that the device is venting only when tank conditions require it.		664.1084(3)(c)2.
ZE.13: The facility visually inspects the fixed roof and its closure devices to check for defects that could result in air pollutant emissions. Defects include, but are not limited to, visible cracks, holes or gaps in the roof sections or between the roof and the tank wall, broken, cracked or otherwise damaged seals or gaskets on closure devices and broken or missing hatches, access covers, caps or other closure devices.		664.1085(3)(d)1.
ZE.14: The facility performs an initial inspection of the fixed roof and its closure devices on or before the date that the tank becomes subject to subchapter CC.		664.1085(3)(d)2.
ZE.15: The facility performs the inspections at least once every year.		664.1085(3)(d)2.
ZE.16: The facility records the date of every tank inspection, documents any defects observed and records the actions taken to resolve the defect as described below.		664.1090(2)(a)
ZE.17: In the event that a defect is detected, the facility repaired the defect as follows: a. Make first efforts at repair of the defect no later than 5 calendar days after detection and complete the repair as soon as possible but no later than 45 calendar days after detection except as provided in item 2 below. b. Repair of a defect may be delayed beyond 45 calendar days if the owner or operator determines that repair of the defect requires emptying or temporary removal from service of the tank and no alternative tank capacity is available at the site to accept the hazardous waste normally managed in the tank. In this case, repair the defect the next time the process or unit that is generating the hazardous waste managed in the tank stops operation. Complete repair of the defect before the process or unit resumes operation.		664.1085(3)(d)3.

RCRA Air CC: Level 2 Tanks (664.1084)

ZD.18: Is there a level 2 tank that is one of the following a. in a <20,000-gallon tank with a vapor pressure of > 11.1 PSI (76.6 kPa)? b. in a >20,000 and <40,000-gallon tank with a vapor pressure of > 4.0 PSI (27.6 kPa)? c. in a >=40,000-gallon tank with a vapor pressure of > .75 PSI (5.2 kPa)? d. hazardous waste that is being stabilized? If YES, then complete TSD: CC LEVEL 2 TANKS, LEVEL 3 CONTAINERS, AND AIR EMISSION STANDARDS inspection form.		N.A.

Section ZE: Subchapter CC - Air Emission Standards for Containers & Tanks

RCRA Air CC: Level 1 Containers (664.1086)

ZE.19: If not applicable go to next subsection. Level 1 containers consist of the following: a. A container having a design capacity greater than 26.4 gallons (0.1 m3) and less than or equal to 121 gallons (0.46 m3). b. A container having a design capacity greater than 121 gallons (0.46 m3) and is not in light material service. c. No waste stabilization is occurring in the container.		N.A.
ZE.20: The facility complies with the level 1 container standards by using a DOT-compliant shipping container.		664.1087(3)(a)1.
ZE.21: The facility complies with the level 1 container standards by having the container equipped with a cover and closure devices that forms a continuous barrier over the container openings.		664.1087(3)(a)2.
ZE.22: The facility complies with the level 1 container standards for an open-top container by placing an organic-vapor suppressing barrier on or over the hazardous waste in the container.		664.1087(3)(a)3.
ZE.23: The facility equipped a container with covers and closure devices that are composed of suitable materials to minimize exposure of the hazardous waste to the atmosphere.		664.1087(3)(b)
ZE.24: When the container is filled to the intended final level in one continuous operation, the facility promptly secures the closure devices.		664.1087(3)(c)1.a.
ZE.25: When the container is filled over a period of time, the facility promptly secures the closure devices in the closed position.		664.1087(3)(c)1.b.
ZE.26: When materials are removed from a container, the facility promptly secures the closure devices in the closed position.		664.1087(3)(c)2.b.
ZE.27: After completing the activity that does not include the transfer of hazardous waste, the facility promptly secures the closure device in the closed position or reinstall the cover, as applicable to the container. Examples of activities include those times when a worker needs to open a port to measure the depth of or sample the material in the container, or when a worker needs to open a manhole hatch to access equipment inside the container.		664.1087(3)(c)3.
ZE.28: A pressure-vacuum relief valve (conservation vent or safety device) is in place and is designed to operate with no detectable organic emissions except when materials are added to the container, when there is an unsafe condition, or when the internal pressure of the container changes due to environmental conditions.		664.1087(3)(c)4.
ZE.29: When a hazardous waste container is received by the facility (e.g., VSQG to LQG consolidation, container is rejected by the TSD facility) and the container is not emptied within 24 hours after the container is accepted at the facility, the facility (within 24 hours) visually inspects the container and its cover and closure devices to check for visible cracks, holes, gaps, or other open spaces into the interior of the container when the cover and closure devices are secured in the closed position.		664.1087(3)(d)1.
ZE.30: When a defect is detected for the container, cover, or closure devices, the facility makes the first efforts at repair of the defect within the required repair schedule.		664.1087(3)(d)3.
ZE.31: For non DOT compliant containers that are 121 gallons (0.46 m3) or greater, the facility retains records showing that the hazardous waste in the container is not in light material service.		664.1087(3)(e)

Section ZE: Subchapter CC - Air Emission Standards for Containers & Tanks

RCRA Air CC: Level 2 Containers (664.1086)

ZE.32: If not applicable go to next subsection. Level 2 containers consist of containers having a design capacity greater than 121 gallons (0.46 m3) and are in light material service.		
ZE.33: The facility complies with the level 2 container standards by having the container that operates with no detectable organic emissions.		664.1087(4)(a)2
ZE.34: The facility complies with the level 2 container standards by using a DOT-compliant shipping container.		664.1087(4)(a)1
ZE.35: The facility complies with the level 2 container standards by demonstrating that the container has been vapor-tight within the preceding 12 months by meeting the requirements of Method 27.		664.1087(4)(a)3
ZE.36: The facility transfers hazardous waste in or out of a level 2 containers in such a manner as to minimize exposure of the hazardous waste to the atmosphere or environment.		664.1087(4)(b)
ZE.37: When the container is filled to the intended final level in one continuous operation, the facility promptly secures the closure devices.		664.1087(4)(c)1.a.
ZE.38: When the container is filled over a period of time, the facility promptly secures the closure devices in the closed position.		664.1087(4)(c)1.b.
ZE.39: When materials are removed from a container, the facility promptly secures the closure devices in the closed position.		664.1087(4)(c)2.b.
ZE.40: After completing the activity that does not include the transfer of hazardous waste, the facility promptly secures the closure device in the closed position or reinstall the cover, as applicable to the container. Examples of activities include those times when a worker needs to open a port to measure the depth of or sample the material in the container, or when a worker needs to open a manhole hatch to access equipment inside the container.		664.1087(4)(c)3.
ZE.41: A pressure-vacuum relief valve (conservation vent or safety device), is designed to operate with no detectable organic emissions except when materials are added to the container, when there is an unsafe condition, or when the internal pressure of the container changes due to environmental conditions.		664.1087(4)(c)4.
ZE.42: When a hazardous waste container is received by the facility (e.g., VSQG to LQG consolidation, container is rejected by the TSD facility) and the container is not emptied within 24 hours after the container is accepted at the facility, the facility (within 24 hours) visually inspects the container and its cover and closure devices to check for visible cracks, holes, gaps, or other open spaces into the interior of the container when the cover and closure devices are secured in the closed position.		664.1087(4)(d)1.
ZE.43: When a defect is detected for the container, cover, or closure devices, the facility makes the first efforts at repair of the defect within the required repair schedule. See help bubble for schedule.		664.1087(4)(d)3.

RCRA Air CC: Level 3 Containers (664.1086)

ZE.44: Are there level 3 containers that consist of the following: a. A container having a design capacity of at least 26.4 gallons (0.1 m3) b. Waste stabilization is occurring. If YES, then complete TSD: CC LEVEL 2 TANKS, LEVEL 3 CONTAINERS, AND AIR EMISSION STANDARDS inspection form.		N.A.

Section ZE: Subchapter CC - Air Emission Standards for Containers & Tanks

RCRA Air CC: Inspection and monitoring (664.1088

ZE.45: The facility inspects and monitors the air emission control equipment used to comply with subchapter CC according to the applicable requirements in ss. NR 664.1085 to 664.1088.		664.1088(1)
ZE.46: The facility developed and implemented a written plan and schedule to perform the inspections and monitoring required by s. NR 664.1089(1).		664.1088(2)

RCRA Air CC: Repair of Defects for Level 1 Containers (664.1086)

ZE.47: A spring-loaded pressure-vacuum relief valve, conservation vent, or similar type of pressure relief device, which vents to the atmosphere has established settings at which the device opens such that the device remains in the closed position whenever the internal pressure of the container is within the internal pressure operating range determined by the facility based on container manufacturer recommendations, applicable rules, fire protection and prevention codes, standard engineering codes and practices, or other requirements for the safe handling of flammable, ignitable, explosive, reactive or hazardous materials. Examples of normal operating conditions that may require these devices to open are during those times when the internal pressure of the container exceeds the internal pressure operating range for the container as a result of loading operations or diurnal ambient temperature fluctuations.		664.1087(3)(c)4.
ZE.48: When a defect is detected for the container, cover, or closure devices, the facility completes the repair as soon as possible but no later than 5 calendar days after detection. If repair of a defect cannot be completed within 5 calendar days, remove the hazardous waste from the container and do not use the container to manage hazardous waste until the defect is repaired.		664.1087(3)(d)3.
ZE.49: When a defect is detected for the container, cover, or closure devices, and the facility cannot complete the repairs within 5 calendar days, the facility removed the hazardous waste from the defective container.		664.1087(3)(d)3.
ZE.50: The facility did not reuse the defective container to manage hazardous waste until the defect is repaired.		664.1087(3)(d)3.

RCRA Air CC: Repair of Defects for Level 2 Containers (664.1086)

ZE.51: A spring-loaded pressure-vacuum relief valve, conservation vent, or similar type of pressure relief device, which vents to the atmosphere has established settings at which the device opens such that the device remains in the closed position whenever the internal pressure of the container is within the internal pressure operating range determined by the facility based on container manufacturer recommendations, applicable rules, fire protection and prevention codes, standard engineering codes and practices, or other requirements for the safe handling of flammable, ignitable, explosive, reactive or hazardous materials. Examples of normal operating conditions that may require these devices to open are during those times when the internal pressure of the container exceeds the internal pressure operating range for the container as a result of loading operations or diurnal ambient temperature fluctuations.		664.1087(4)(c)4.
ZE.52: When a defect is detected for the container, cover, or closure devices, the facility completes the repair as soon as possible but no later than 5 calendar days after detection. If repair of a defect cannot be completed within 5 calendar days, remove the hazardous waste from the container and do not use the container to manage hazardous waste until the defect is repaired.		664.1087(4)(d)3.
ZE.53: When a defect is detected for the container, cover, or closure devices, and the facility cannot be completed the repairs within 5 calendar days, the facility removed the hazardous waste from the defective container.		664.1087(4)(d)3.

Section ZE: Subchapter CC - Air Emission Standards for Containers & Tanks

RCRA Air CC: Repair of Defects for Level 2 Containers (664.1086)

ZE.54: The facility did not reuse the defective container to manage hazardous waste until the defect is repaired.		664.1087(4)(d)3.