



Modified Ohio Hazardous Waste Facility Installation and Operation Permit

Division of Environmental Response and Revitalization

Permittee: Ross Incineration Services, Inc.

U.S. EPA ID: OHD048415665

Facility Name: Ross Incineration Services, Inc.

Mailing Address: 36790 Giles Road

City: Grafton State: OH Zip: 44044

Operator Name: Ross Incineration Services, Inc.

Mailing Address: 36790 Giles Road

City: Grafton State: OH Zip: 44044

Facility Street Address: 36790 Giles Road

City: Grafton State: OH Zip: 44044

I certify this to be a true and accurate copy of the official documents as filed in the records of the Ohio Environmental Protection Agency.

By: *Kelly A. Mink* Date: _____

3/18/2021

Permit Modification

This Modified Ohio Hazardous Waste Facility Installation and Operation Permit is issued pursuant and subject to Section 3734.05(I) of the Ohio Revised Code and Rule 3745-50-51(D) of the Ohio Administrative Code.

The Ohio Hazardous Waste Facility Installation and Operation Permit for the facility with the above-referenced ID number as issued by the Ohio Environmental Protection Agency and journalized on January 29, 2014, and as subsequently modified by the Ohio Environmental Protection Agency, is hereby incorporated by reference in its entirety, except as it may be modified herein. This modification of the permit shall remain in effect until such time as the Ohio Hazardous Waste Facility Installation and Operation Permit is renewed, modified, withdrawn, suspended, or revoked.

The Permittee shall comply with all requirements of the modified permit. The information contained in the modified permit application is incorporated herein by reference. Specifically, all written statements regarding the specifications, locations, or capabilities of the processes, equipment, containment devices, safety devices or programs, or other matters made by the applicant in the permit modification application are hereby incorporated as express, binding terms and conditions of this modified permit.

The modified Terms and Conditions of this permit are attached hereto and are incorporated herein by reference. The modified Terms and Conditions supersede and replace the corresponding pages found in the January 29, 2014 renewal permit.

Permit Modification Approval

Entered into the Journal of the Director on:

Laurie A. Stevenson

Date: 3/18/2021

Laurie A. Stevenson, Director
Ohio Environmental Protection Agency

Each of the Waste Storage Bays No. 1 and No. 2 consists of 10 bays, is outdoors on concrete containment, with approximate dimensions of 126 feet by 56 to 60 feet and is used for storage of containers of wastes from off-site generators and certain on-site generated wastes. Each WSB No. 1 and No. 2 design capacity allows for the storage of 121,180 gallons (equivalent to twenty 30 cubic yard roll-offs). Containers stored in the WSB include van trailers, roll-offs, truck tankers, various types of drums, pails, buckets, and boxes. Containers with and without free liquids may be stored in the WSB. The WSB has adequate secondary containment.

Waste Storage Bay 3 (WSB No. 3) consists of a single bay, which is outdoors on concrete containment, with approximate dimensions of 100 feet by 120 feet, and is used for storage of containers of wastes from off-site generators and certain on-site generated wastes. Containers may be stored in vans, or on the concrete. The WSB design capacity allows for the storage of 80,000 gallons. Containers stored in the WSB include van trailers, roll-offs, tanker trucks, various types of drums, pails, buckets and boxes. Containers with and without free liquids may be stored in the WSB. The WSB has adequate secondary containment.

The Container Storage Building ("CSA") is a free-standing structural steel building with approximate dimensions of 75 feet by 150 feet, and is initially intended to be used to house Ross Generated Waste material for processing at the incinerator. Eventually, RIS intends to use the building for storage of containers of wastes from off-site generators as well as containers of on-site generated wastes. Containers will be stored on the concrete. The CSA design capacity allows for the storage of 33,000 gallons. Containers stored in the CSA include roll-offs, tanker trucks, various types of drums, pails, buckets, and boxes. Containers with and without free liquids may be stored in the CSA. The CSA has adequate secondary containment.

Typical hazardous waste types received at the facility in containers include: halogenated and non-halogenated spent solvents, paint wastes, off-specification commercial chemical products and spill residues. Waste generated at the facility and stored in containers consists primarily of treatment residuals from the incineration process.

Containers of hazardous waste may be accepted for storage and re-shipment to other hazardous waste treatment, storage, and disposal facilities. The wastes in re-shipped containers typically carry waste codes that the facility is permitted to store.

Containers of hazardous waste may be repackaged at designated locations within the facility into alternate containers to facilitate management of the waste. Liquid wastes received in tanker trucks may be transferred to tankers operated by the facility (i.e., yard tankers) for direct feeding from a tanker into the incinerator.

C.1 Container Storage/Quantity Limitation

- (a) The Permittee is authorized to store 1,064,800 gallons of hazardous waste at any given time in the permitted container areas: Container Storage Facility (CSF), Bulk Storage Areas (BSA No. 1 and No. 2), Oxidizer Storage Building (OSB), Waste Storage Bays (WSB No. 1, No. 2, and No. 3), and Container Storage Area (CSA). The hazardous waste container storage volume in each of the five permitted container **storage units will at no time exceed the unit's respective design storage volume**. The Permittee shall store hazardous waste in the types of containers (size and type) described in Section D of the permit application.

The Permittee shall store in tanks only the hazardous waste codes specified in the permit application and summarized below:

Storage Tanks Tank No.	Capacity (Gallons)	Dimensions of Tank	Secondary Containment Required	Description of Hazardous Waste	Month/Year of Construction
Tank Farm I Tanks 23-36	9,920 each	10 ft. (diam.) x 22.5 ft.	Yes - in place	High BTU halogenated, flammable and/or ignitable wastes	June, 1982 (Existing tanks for OAC Chapter 3745-55)
Tank Farm II Tanks 37-50	9,920 each	10 ft. (diam.) x 22.5 ft.	Yes - in place	High or Low BTU halogenated, flammable and/or ignitable wastes	December, 1987 (New tanks for OAC Chapter 3745-55)
Tank Farm III Tanks 51-64	9,920 each	10 ft. (diam.) x 22.5 ft.	Yes - in place	Low BTU halogenated, flammable and/or ignitable wastes	December, 1987 (New tanks for OAC Chapter 3745-55)
Tanks 67 and 68	3,627 each	6 ft. 4 in. (diam.) x 17 ft. 0.4 in.	Yes - in place	Fly ash sludge and scrubber water prior to filter pressing	January 2009 (New tanks for OAC Chapter 3745-55)
Tank 75	617,000	50 ft. (diam.) x 42 ft.	Yes - in place	Fly ash sludge and scrubber water and/or sludge	September, 1988 (New tank for OAC Chapter 3745-55)

Treatment and Storage Tanks Tank No.	Capacity (Gallons)	Dimensions of Tank	Secondary Containment Required	Description of Hazardous Waste	Month/Year of Construction.
Tank 70 Hazardous waste storage and treatment tank- Condensation Tank	10,000 gallons for storage; (Combined treatment capacity of tanks 70, 73 and 74 is 72,000 gallons per day.)	10 ft. (diam.) x 22.5 ft.	Yes - in place	Condensation vapors from tanks 73 & 74, high or low BTU halogenated, flammable and/or ignitable wastes	December, 1987 (New tank for OAC Chapter 3745-55)