



Medium Quantity Generator Tank Inspection Log



If you are a medium quantity generator that operates a tank system to manage dangerous waste, you must comply with WAC 173-303-172(6).¹ This includes conducting weekly and daily² inspections when the tank is in operation. Depending on the type of equipment and secondary containment you have, you may meet the qualifications for [supplemental weekly inspections](#) instead of conducting daily inspections. You may use the examples below to create a daily and weekly tank inspection log.

Inspection Log Details

You need to maintain inspection records³ for at least five years and make them available for inspector review when requested. If your tank system or a component of your tank system (such as the piping, pumps, valves, secondary containment, or sump) is in poor condition or unfit for use, you must take proactive steps to investigate, repair, or replace the equipment, parts, or components as required. The checklists included below provide an example for you to use as you develop your facility's inspection log.

Helpful definitions

An inspection log is a checklist your facility develops to check your tank system for potential problems every day.

Weekly inspections means checking specific areas at least once during the period from Sunday to Saturday.

A tank is a stationary device designed to contain accumulated dangerous waste. It is constructed primarily of non-earthen materials to provide structural support.

A tank system is a dangerous waste storage or treatment tank, including its associated ancillary equipment and containment system.

Ancillary equipment means any device that is used to distribute, meter, or control the flow of dangerous waste:

- From its point of generation to a storage or treatment tank(s),
- Between dangerous waste storage and treatment tanks to a point of disposal on site, or
- To a point of shipment for disposal off site.

Ancillary equipment may include, but is not limited to, devices such as piping, fittings, flanges, valves, and pumps.

Facility Information

Facility Name:

Tank Identification:

EPA/State ID Number:

Month:

Year:

¹ WAC 173-303-172: <https://apps.leg.wa.gov/WAC/default.aspx?cite=173-303-172>

² Ecology and EPA interpret "daily" to mean every day the tank is in operation (i.e., "storing or treating dangerous waste"), not only days the facility is open for business. This may include weekends and holidays.

³ WAC 173-303-210: <https://apps.leg.wa.gov/WAC/default.aspx?cite=173-303-210>

ADA Accommodation
Requests

To request an ADA accommodation, contact Ecology by phone at 360-407-6700 or email at hwtrpubs@ecy.wa.gov, or visit <https://ecology.wa.gov/accessibility>. For Relay Service or TTY call 711 or 877-833-6341.

Medium Quantity Generator Tank Inspection Log

Hazardous Waste and Toxics Reduction Program



Weekly Inspection Log

You must check construction materials and the area immediately surrounding confinement structures every week. Issues must be corrected on a schedule which ensures the problem does not lead to an environmental threat. Remedial action must be taken immediately if you discover an imminent or current hazard.

Date	Time	Printed Name	Signature	Do the construction materials of the tank show any signs of corrosion, erosion or leakage?	Are tank system fixtures or seams leaking?	Are there signs of erosion or a release immediately surrounding any discharge confinement structure ⁴ ?	Notes
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	

Repairs or Remedial Actions Taken

You must document and fix any problems identified by the inspection. Describe the actions(s) and list date(s) you took the actions below.

⁴ Examples include a dike or trench.

Medium Quantity Generator Tank Inspection Log

Hazardous Waste and Toxics Reduction Program



Daily Inspection Log

You must check your discharge control equipment, data gathered from monitoring equipment, and waste levels every day, unless you meet the qualifications for [supplemental weekly inspections](#).

Date	Time	Printed Name	Signature	Is discharge control equipment ⁵ in good working order?	Does monitoring equipment ⁶ data indicate the tank is operating according to its design?	Is the waste level inside the tank within allowable limits ⁷ ?	Notes
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	

5 Discharge control equipment may include waste feed cutoff, bypass, and drainage systems.

6 Monitoring equipment includes pressure and temperature gauges.

7 Uncovered tanks must be operated to ensure at least sixty centimeters (two feet) of freeboard, unless the tank is equipped with a containment structure (e.g. dike or trench), a drainage control system, or a diversion structure (e.g. standby tank) with a capacity that equals or exceeds the volume of the top sixty centimeters (two feet) of the tank.

Medium Quantity Generator Tank Inspection Log

Hazardous Waste and Toxics Reduction Program



Date	Time	Printed Name	Signature	Is discharge control equipment ⁵ in good working order?	Does monitoring equipment ⁶ data indicate the tank is operating according to its design?	Is the waste level inside the tank within allowable limits ⁷ ?	Notes
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	

Medium Quantity Generator Tank Inspection Log

Hazardous Waste and Toxics Reduction Program



Date	Time	Printed Name	Signature	Is discharge control equipment ⁵ in good working order?	Does monitoring equipment ⁶ data indicate the tank is operating according to its design?	Is the waste level inside the tank within allowable limits ⁷ ?	Notes
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	

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Hazardous Waste and Toxics Reduction Program



Date	Time	Printed Name	Signature	Is discharge control equipment ⁵ in good working order?	Does monitoring equipment ⁶ data indicate the tank is operating according to its design?	Is the waste level inside the tank within allowable limits ⁷ ?	Notes
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	

Repairs or Remedial Actions Taken

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Supplemental Weekly Inspection Log: Tank systems with secondary containment and leak detection equipment

You may inspect weekly (instead of daily) if your tank system has full secondary containment and uses leak detection equipment to alert personnel to leaks, or if your facility implements established workplace practices to ensure leaks are promptly identified.

Date	Time	Printed Name	Signature	Is discharge control equipment ⁸ in good working order?	Does monitoring equipment ⁹ data indicate the tank is operating according to its design?	Is the waste level inside the tank within allowable limits ¹⁰ ?	Notes
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	
				Yes No	Yes No	Yes No	

Repairs or Remedial Actions Taken

You must document and fix any problems identified by the inspection. Describe the actions(s) and list date(s) you took the actions below.

8 Discharge control equipment may include waste feed cutoff, bypass, and drainage systems.

9 Monitoring equipment includes pressure and temperature gauges.

10 Uncovered tanks must be operated to ensure at least sixty centimeters (two feet) of freeboard, unless the tank is equipped with a containment structure (e.g. dike or trench), a drainage control system, or a diversion structure (e.g. standby tank) with a capacity that equals or exceeds the volume of the top sixty centimeters (two feet) of the tank.

Annual Ignitable and Reactive Inspection Documentation Supplemental Documentation

If you are storing ignitable or reactive dangerous wastes in your tank system, you need to conduct an annual ignitable and reactive inspection.¹¹ Fill out the section below, including the name and signature of the inspector familiar with the International Fire Code, or the local, state, or federal fire marshal overseeing the inspection.

Date	Time	Notes	Printed Name	Signature

Repairs or Remedial Actions Taken

You must document and fix any problems identified by the inspection. Describe the actions(s) and list date(s) you took the actions below.

¹¹ WAC 173-303-395(1)(d): <https://apps.leg.wa.gov/WAC/default.aspx?cite=173-303-395>