Test Facility (116832)
HW SQG Tank

GENERAL REQUIREMENTS	Answer	Violation
1. Are all tanks marked with the words 'Hazardous Waste'? **40 CFR 262.34(a)(3)**		
2. Are all tanks marked with the accumulation start date? **K.A.R. 28-31-262(c)(5)**		
CESQG, KSQG, AND SQG REQUIREMENTS	**Answer**	**Violation**
3. If ignitable or reactive waste is placed in a tank is it treated or stored in compliance with 40 CFR 265.17(b)? 40 CFR 265.17(b) requires that ignitable or reactive waste (1) not generate extreme heat or pressure, fire, or explosion, or violent reaction; (2) not produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health; (3) not produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions; (4) not damage the structural integrity of the device or facility containing the waste; or (5) not threaten human health or the environment through other like means. **40 CFR 265.201(b)(1)**		
4. If the generator put ignitable or reactive waste in tanks, are they complying with the special requirements of 40 CFR 265.201(g)? Including: (1) treating the waste so that it is no longer ignitable or reactive and meeting the requirements of 40 CFR 265.17(b), or (2) storing or treating the waste is a way that it is protected from any material or conditions that may cause the waste to ignite or react; or (3) using the tank solely for emergencies. **40 CFR 265.17(b)**		
5. If incompatible waste and materials are placed in the same tank or if hazardous waste is placed in an unwashed tank that previously held an incompatible material/waste, are the conditions of 40 CFR 265.17(b) being met? 40 CFR 265.201(h) **40 CFR 265.17(b)**		
6. Are only hazardous wastes or treatment reagents placed in the tank system that will not cause the tank, the ancillary equipment or secondary containment to rupture, leak, corrode, or otherwise fail? **40 CFR 265.201(b)(2)**		
7. For an uncovered tank, is there at least 2 feet of freeboard, unless the tank is equipped with a containment structure, a drainage control system, or a diversion structure with a capacity that equals or exceeds the volume of the top 2 feet of the tank? **40 CFR 265.201(b)(3)**		
8. If the tank is continuously fed, is the tank equipped with a means to stop the inflow of waste (e.g. waste feed cut-off, by-pass to stand-by tank)? **40 CFR 265.201(b)(4)**		
9. If the CESQG, KSQG, or SQG is NOT accumulating more than 55 lbs of hazardous waste in tanks, STOP HERE		

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CESQG, KSQG, AND SQG REQUIREMENTS	Answer	Violation
10. Do the tanks have full secondary containment and either leak detection equipment to alert facility personnel to leaks or an established workplace practice to ensure leaks are promptly identified? Note: Not a violation if they do not have the above, keep going through the checklist. **40 CFR 265.201(d)**		
10a. If yes to Question 10, explain system briefly here.		
11. If yes to question 10, is the following being inspected at the appropriate frequency (as shown in brackets)? (If question 10 was no, mark NA). **40 CFR 265.201(d)**		
11a. Discharge control equipment (e.g. waste feed cutoff systems, by-pass systems, and drainage systems)? [weekly] **40 CFR 265.201(c)(1)**		
11b. Data gathered from monitoring equipment (e.g., pressure and temperature gauges) to ensure that it is operating according to its design? [weekly] **40 CFR 265.201(c)(2)**		
11c. The level of waste in the tank to ensure compliance with 40 CFR 265.201(b)(3)? [weekly] **40 CFR 265.201(c)(3)**		
11d. The construction materials of the tank to detect corrosion or leaking of fixtures or seams [weekly]; and **40 CFR 265.201(c)(4)**		
11e. The construction materials of and the area immediately surrounding, discharge confinement structures (e.g. dikes) to detect erosion or obvious signs of leakage (e.g. wet spots or dead vegetation) [weekly] **40 CFR 265.201(c)(5)**		
12. If no to question 10, is the following being inspected at the appropriate frequency (as shown in brackets)? (If question 10 was yes, mark NA). **40 CFR 265.201(c)**		
12a. Discharge control equipment (e.g. waste feed cutoff systems, by-pass systems, and drainage systems)? [daily] **40 CFR 265.201(c)(1)**		
12b. Data gathered from monitoring equipment (e.g., pressure and temperature gauges) to ensure that it is operating according to its design? [daily] **40 CFR 265.201(c)(2)**		

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CESQG, KSQG, AND SQG REQUIREMENTS	Answer	Violation
12c. The level of waste in the tank to ensure compliance with 40 CFR 265.201(b)(3)? [daily] **40 CFR 265.201(c)(3)**		
12d. The construction materials of the tank to detect corrosion or leaking of fixtures or seams [weekly]; and **40 CFR 265.201(c)(4)**		
12e. The construction materials of and the area immediately surrounding, discharge confinement structures (e.g. dikes) to detect erosion or obvious signs of leakage (e.g. wet spots or dead vegetation) [weekly]. **40 CFR 265.201(c)(5)**		
13. Are the inspections in previous questions being documented? **40 CFR 265.15(d)**		
14. Did the generator remedy any deterioration or malfunction found during any inspections? **40 CFR 265.201(c)**		
15. If yes to question 10, does secondary containment meet the following requirements (unless the generator has received a variance under 40 CFR 265.193(g)) **40 CFR 265.193(c)**		
15a. Constructed of or lined with materials compatible with the waste and of sufficient strength? **40 CFR 265.193(c)(1)**		
15b. Placed on a structurally adequate foundation or base? **40 CFR 265.193(c)(2)**		
15c. Provided with a leak detection system capable of detecting releases within 24 hours (or alternate time depending on technology)? **40 CFR 265.193(c)(3)**		
15d. Adequately sloped or designed or operated to drain and remove liquids from leaks, spills or precipitation within 24 hours (if possible)? **40 CFR 265.193(c)(4)**		
15e. Does the secondary containment include one of the following: **40 CFR 265.193(d)**		
16. If yes to question 10, does the secondary containment satisfy the following requirements: **40 CFR 265.193(e)**		

CESQG, KSQG, AND SQG REQUIREMENTS	Answer	Violation
16a. For External Liner		
16a1. Adequate capacity to contain 100% of the volume of the largest tank within its boundary? **40 CFR 265.193(e)(1)(i)**		
16a2. Designed or operated to prevent run-on or infiltration of precipitation into the containment system unless it has excess capacity to contain a 25-year, 24-hour rain event? **40 CFR 265.193(e)(1)(ii)**		
16a3. Free of cracks or gaps? **40 CFR 265.193(e)(1)(iii)**		
16a4. Completely surrounds the tank and surrounding earth likely to be exposed to waste if a release occurs? **40 CFR 265.193(e)(1)(iv)**		
16b. For Vaults		
16b1. Adequate capacity to contain 100% of the volume of the largest tank within its boundary? **40 CFR 265.193(e)(2)(i)**		
16b2. Designed or operated to prevent run-on or infiltration of precipitation into the containment system unless it has excess capacity to contain a 25-year, 24-hour rain event? **40 CFR 265.193(e)(2)(ii)**		
16b3. Constructed with chemical-resistant water stops at all joints? **40 CFR 265.193(e)(2)(iii)**		
16b4. Provided with an impermeable interior coating or lining that is compatible with the stored waste and that will prevent migration of waste being stored or treated? **40 CFR 265.193(e)(2)(iv)**		
16b5. Protected against vapor ignition, if required due to ignitable or reactive characteristics of the waste? **40 CFR 265.193(e)(2)(v)**		
16b6. Provided with an exterior moisture barrier or designed and operated to prevent migration of moisture into the vault? **40 CFR 265.193(e)(2)(vi)**		
17c. For Double-Walled Tanks		

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CESQG, KSQG, AND SQG REQUIREMENTS	Answer	Violation
17c1. Designed as an integral structure so that outer tank contains any release from inner tank? **40 CFR 265.193(e)(3)(i)**		
17c2. If metal, are both the interior of the primary tank and external surface of the outer shell protected from corrosion? **40 CFR 265.193(e)(3)(ii)**		
17c3. Provided with a built-in continuous leak detection system capable of detecting releases within 24 hours? **40 CFR 265.193(e)(3)(iii)**		
18. If yes to question 10, is ancillary equipment provided with adequate secondary containment, except aboveground piping (exclusive of flanges, valves, and connections), welded flanges, welded joints, welded connections, sealless or magnetic coupling pumps, sealless valves, pressurized aboveground piping with an automatic shut-off device, any of which when present, are visually inspected daily for leaks? **40 CFR 265.193(f)**		