

OIL STORAGE TANK/PIPING INSPECTION CHECKLIST

INSTRUCTIONS: This inspection should be completed for each oil storage tank/piping every month. Visually inspect the tank and check yes or no for each item. If any item needs elaboration, do so in the "Descriptions and Comments" section provided below.

DATE	NAME (<i>Inspector</i>)	TANK NUMBER			
LOCATION		CONTENTS			
	ITEM BEING INSPECTED		ITEM BEING INSPECTED		
Yes	No	Exterior surfaces show signs of leakage.	Yes	No	Liquids have accumulated in spill containment.
Yes	No	External coatings are bubbled, cracked, or damaged.	Yes	No	Oil or oil sheen observed.
Yes	No	Tanks are rusted, pitted, or deteriorated.	Yes	No	Estimated amount of rainwater drained is _____ (gals).
Yes	No	Bolts, rivets, or seams are damaged, cracked, or rusted.	Yes	No	Drain valve is closed and secured.
Yes	No	Welds are cracked or nonuniform.	Yes	No	Level controls are inoperative.
Yes	No	Tank foundation has eroded or settled.	Yes	No	Valve seals and gaskets are leaking.
Yes	No	Tank supports are deteriorated or buckled.	Yes	No	Valve seals and gaskets are deteriorated.
Yes	No	Water seal between tank bottom and foundation is damaged or leaking.	Yes	No	Relief valves, expansion joints, or pipe fittings are leaking or damaged.
Yes	No	Tank insulation is damaged, worn, or swelling.	Yes	No	Aboveground pipes are leaking.
Yes	No	Tank insulation is separating from tank.	Yes	No	Pipelines are misaligned.
Yes	No	Cathodic protection system's source of impressed current is inoperable.	Yes	No	Pipelines are sagging.
Yes	No	Dielectric bushings are deteriorated.	Yes	No	Pipeline supports are structurally weak, damaged, or deteriorated.
Yes	No	Leak detection system is damaged or does not operate properly.	Yes	No	Pipeline contact points are worn.
Yes	No	Monitoring equipment is nonfunctional.	Yes	No	Pipelines and valves are not labeled or marked.
Yes	No	Overfill protection float valve is improperly positioned.	Yes	No	External coatings are chipped, cracked, or peeling.
Yes	No	Valves are leaking or deteriorated.	Yes	No	Pipelines are corroded or rusted.
Yes	No	Vents and pressure release devices are obstructed.	Yes	No	Cathodic protection lead wires are broken or deteriorated.
Yes	No	Tank bottoms have accumulated rust, scale, microorganisms, or foreign material.	Yes	No	Pipelines are mechanically damaged.
Yes	No	External stairways/walkways on aboveground tanks are unsound or obstructed.	Yes	No	Pipeline and valve labels are not legible.
Yes	No	External stairways/walkways have low spots where water can accumulate.	Yes	No	Pipeline right-of-ways show signs of leaks or pipe damage.
Yes	No	Water drains on aboveground tank roofs are blocked or corroded.			

DESCRIPTION AND COMMENTS