

INSPECTION CHECKLIST FOR THERMAL FLUID HEATERS & VAPORIZERS

NC#: _____ NB#: _____

Name of Manufacturer? _____

What is the MAWP of the vessel? _____

What is the set pressure of the relief valve on the vessel? _____

What is the date of vessel manufacture? _____

	Thermal Fluid Heater	Thermal Fluid Vaporizer	Expansion Tank
Pressure Gage			
Temperature Gage			
Thermal Fluid Temperature control			
High Temperature limit safety switch			
Fluid Flow Instrumentation			
Fluid low level switch			
Gage Glass			
Emergency Stop			
Pressure Relief Device			
Fully Enclosed PRD			
Rupture disk (if applicable)			
PRD inlet greater than ½			
Drain Valve			
Discharge piping*			
No Copper, Copper alloys, brass, bronze, Aluminum, or cast-iron materials			

Thermal Fluid tested per the fluid manufacturer's recommendations?

PRD removed, inspected, and tested annually, ***or in accordance with SOP 0600-04, 5.2.9?***

*Discharge piping shall be connected to a closed vented storage tank with solid piping. If Storage tank is located outside, it shall be located so water cannot collect in the vessel.