

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY ANNUAL SHEAR VALVE TESTING

- This form may be utilized to document testing of shear valves (a.k.a. impact, crash, safety or fire valves).
- Testing of all shear valves is required at least once every 12 months.
- In the absence of an approved 3rd party test procedure or manufacturer's recommended practice, the procedure outlined below in the "MDEQ Shear Valve Test Procedure" section may be utilized.

Date of Test

UST Facility

Person Conducting Test

Facility Name		MDEQ Facility ID #	Tester's Name			
Physical Address			Company			
City	County	State	MDEQ Certification #		Expiration Date	
		MS				
UST Owner			Tester's Signature			

MDEQ Shear Valve Test Procedure

1. Visually inspect the shear valve for proper installation and anchoring. The portion of the shear valve located below the shear section must be rigidly anchored to the dispenser box frame or the concrete dispenser island.
2. Manually trip the shear valve lever arm. The lever arm must move freely into the tripped position without the use of force to do so. Lever arm must quickly snap shut the poppet valve.
3. Energize the pump and attempt to dispense fuel from the corresponding nozzle into a suitable container.
4. The shear valve must effectively interrupt the flow of fuel so that no fuel is dispensed from the nozzle.
5. Return the nozzle to the hanging position. Return the lever arm to its proper open position.

Test Data

Shear Valve ID	Dispenser #										
	Product										
Anchored Properly?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Lever arm moves freely?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Lever arm quickly snaps shut the poppet valve?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Can product be dispensed when valve is closed?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Pass or Fail	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F

Shear Valve ID	Dispenser #										
	Product										
Anchored Properly?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Lever arm moves freely?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Lever arm quickly snaps shut the poppet valve?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Can product be dispensed when valve is closed?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Pass or Fail	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F

Shear Valve ID	Dispenser #										
	Product										
Anchored Properly?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Lever arm moves freely?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Lever arm quickly snaps shut the poppet valve?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Can product be dispensed when valve is closed?	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Pass or Fail	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F	P/F

Comments: