

Date:

Yes	No	N/A	Measure Data	Yes	No	N/A	Measure Installation
			Measures have ID plates with unique Serial #'s?				All calibration seals are intact?
			Certificates are current?				Measures are clean?
			Certified volume or offset is used?				Measures are in good condition?
			Coefficient of thermal exp is available?				Inlet and Drain Valves are leak tight?
			Scale graduations and units are clear?				Connected piping is leak tight?
			Measure drain times are known?				Measures are Level?

Yes	No	N/A	Pressure	Yes	No	N/A	Temperature
			Is pressure gauge located on the downstream side of prover?				All thermometer graduations = < 0.1 °C?
			Pressure gauge is in good condition?				Thermometers are in good condition?
			Minimum accuracy of +/- 0.5%?				Serial # and Certificate(s) are current?
			Serial # and Certificate(s) are current?				If using uncertified thermometers, they are checked against a certified standard?

Comments:

Yes	No	N/A	Prover Data	Yes	No	N/A	Prover Sphere
			Prover Serial Plate available				Sphere is new or in good condition?
			Prover Wall thickness and ID confirmed?				Sphere dimensions confirmed and sized? (1.5%-6%)
			Prover material recorded?				Sphere is greased for waterdraw?

Yes	No	N/A	Prover Internal Condition	Yes	No	N/A	Prover External Condition
			Internal Condition checked?				Prover appears free from dents?
			Internal surface appears in good condition?				Free from external corrosion where visible?
			Prover cleanliness verified?				Insulation (if equipped) is in good condition?
			Displace stops (if equipped) reinstalled?				Prover supports appear adequate?

Yes	No	N/A	Detector Switches	Yes	No	N/A	Prover Leak Checks
			Is there more than 1 calibrated pair of switches?				4-way valve removed?
			Have switches been cleaned?				If removed, 4-way blinds are leak tight?
			Have the switches been checked for condition?				If not removed, 4 way is leak tight (checked bleed valve)?
			Have switches been replaced?				All connected piping is blinded and/or verifiable?
			Were switches repaired/replaced in kind?				Prover door/access flange is leak tight?
			Detector switches are installed correctly and leak tight?				Prover vent valves are leak tight?

Comments:

Yes	No	N/A	Calibration Process: Pre-Initiation	Yes	No	N/A	Calibration Process: Throughout
			Prover data verified from prior calibrations?				Prover Press is recorded on initiation of each pass?
			All air removed from prover and connected piping?				Prover Temp is recorded for each pass?
			Air removed from trailer piping?				Prover Temp is taken between 1/4 and 1/2 of timed run?
			Trial passes conducted?				Measure Temps are recorded?
			Water temperature is stabilized prior to start (+/- 1 C)?				Measure scale readings are recorded to 1/2 graduation?
			Prover high points verified for cleanliness?				Measures are drained as per certified cessation time?
			All valves used in calibration system leak tight?				System and prover are verified leak tight?
			Measures are "wetted" prior to start?				Passes are conducted in consecutive run pairs?
							A minimum of 3 consecutive run pairs are conducted?
							One run pair is conducted @ FR >25% difference?

Comments:

Yes	No	N/A	Results Validation	Yes	No	N/A	
			Verified all data is recorded, with no missing values?				Base Prover Volume recorded to six significant digits?
			Minimum number of run pair conducted?				New BPV is within an acceptable historical range?
			L to R passes are repeatable? (0.02% range)				Calculation constants use API values?
			R to L passes are repeatable? (0.02% range)				Unit conversions are applied correctly?
			Round trips repeatable? (0.02% range)				Other?

Comments:

Witnesses:

Company:

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