

PRESSURE CALIBRATION SERVICES

	Deadweight Testers	Level 1	Level 2	Level 3
Device Accuracy (% of Reading)		< ±0.05%	≥ ±0.05% < ±0.1%	≥ ±0.1%
ISO 17025 compliant	•	•	•	•
NIST Traceable	•	•	•	•
Uncertainty data	•	•	•	•
turnaround time	Less than 2 weeks	Less than 2 weeks	Less than 2 weeks	Less than 2 weeks
Expedited service available	•	•	•	•
"As found" and "as left" data	•	21 point *	16 Point **	7 Point ***
Adjustments & Cleaning as required	•	•	•	•
Determine effective area	•			
Determine mass of piston & weights	•			
Calibrate piston/cylinder base	(as required)			

* 21 point calibration includes the following % of full-scale or range data points:

(0%, 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%, 90%, 80%, 70%, 60%, 50%, 40%, 30%, 20%, 10%, 0%)

** 16 point calibration includes the following % of full-scale data points:

(0%, 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%, 80%, 60%, 40%, 20%, 0%)

*** 7-point calibration includes the following % of full-scale data points: (0%, 25%, 50%, 75%, 100%, 50%, 0%)