



Certificate of Calibration

Transducer Model: PDI Transducer

Pile Dynamics, Inc.

Serial Number: Q045

PDI Gage Factor: 150.7 meV

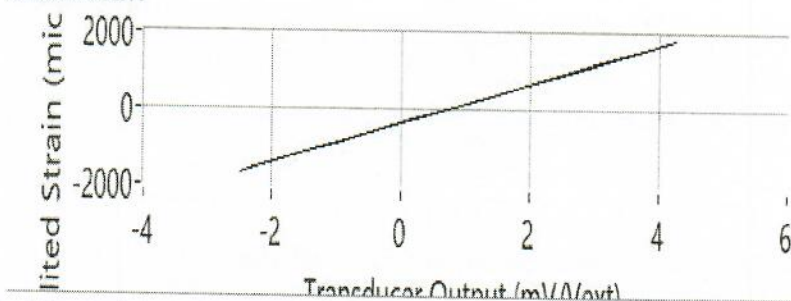
General Gage Factor: 523.3 me mV_{ext}

Initial Offset Voltage: 0.168 mV_{ext}

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/V _{ext})	Applied Strain (micro-strain)	Transducer Output (mV/V _{ext})
2.695	0.730	115.321	0.929
-144.622	0.445	409.314	1.492
-416.234	-0.081	705.475	2.064
-682.777	-0.563	1007.961	2.637
-942.314	-1.013	1308.083	3.201
-1152.010	-1.481	1615.217	3.776
-1395.527	-1.955	1865.096	4.255
-1614.728	-2.376	1815.645	4.167
-1671.809	-2.490	1497.301	3.576
-1583.716	-2.345	1189.565	2.988
-1342.991	-1.685	591.176	2.417
-1089.223	-1.374	601.368	1.863
-625.659	-0.674	323.884	1.328
-574.117	-0.391	115.417	0.936
-331.903	0.070	6.663	0.734
-157.214	0.406	5.072	0.731

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999982

LCC Standard Deviation: 8.932802E-7

Calibrated By: Paul Hartman

Signature: Paul Hartman

Date and Time: 10/20/2022 12:42 PM

Temperature (Degrees C): 25.9