Certificate of Calibration

Transducer Model: PDI Transducer

Pile Dynamics, Inc.

Serial Number: V482

PDI Gage Factor: 145.3 me/V

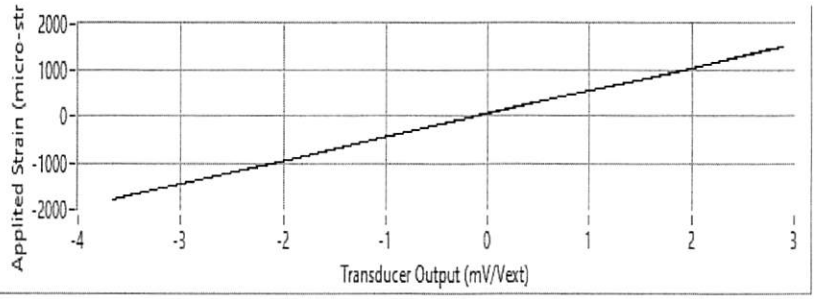
General Gage Factor: 504.7 me/mV/V$_{ext}$

Initial Offset Voltage: -0.129 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
-78.010	-0.292	-10.667	-0.174
-147.761	-0.459	147.953	0.165
-359.586	-0.672	391.806	0.642
-564.640	-1.309	663.036	1.214
-863.133	-1.860	961.357	1.834
-1146.105	-2.404	1286.475	2.409
-1427.677	-2.991	1523.261	2.895
-1711.356	-3.537	1467.145	2.760
-1783.509	-3.670	1156.941	2.140
-1577.455	-3.264	851.275	1.547
-1284.055	-2.652	551.352	0.909
-992.693	-2.116	260.260	0.368
-706.676	-1.527	54.529	-0.050
-426.741	-0.973	-59.909	-0.274
-192.102	-0.531	-74.764	-0.287
-122.205	-0.357	-74.788	-0.322

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999947

Calibrated By: Kay Tol

LCC Standard Deviation: 1.136742E-6

Signature: Kay Tol

Temperature (Degrees C): 25.3

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