Certificate of Calibration

Pile Dynamics, Inc.

Transducer Model: PDI Transducer

Serial Number: V467

APR 15 2021

PDI Gage Factor: 145.5 me/V

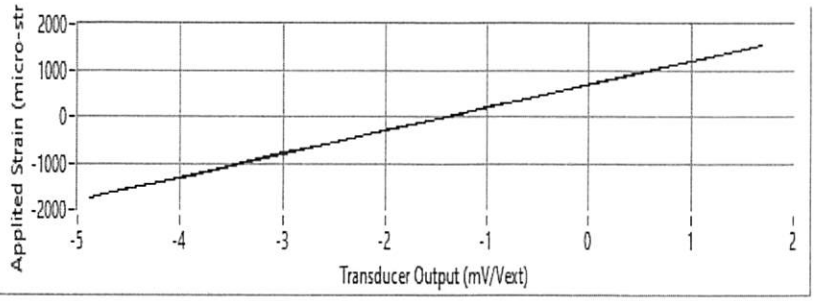
General Gage Factor: 505.2 me/mV/V$_{ext}$

Initial Offset Voltage: -0.476 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
113.960	-1.194	204.296	-1.044
-8.272	-1.461	319.487	-0.794
-253.009	-1.950	483.388	-0.447
-530.948	-2.487	741.518	0.026
-814.254	-3.088	1084.153	0.637
-1102.144	-3.615	1333.241	1.194
-1385.157	-4.199	1573.408	1.696
-1666.651	-4.741	1502.010	1.531
-1749.928	-4.861	1192.611	0.907
-1540.925	-4.501	887.062	0.325
-1257.822	-3.888	597.697	-0.269
-960.903	-3.334	375.039	-0.693
-664.611	-2.745	259.795	-0.933
-378.671	-2.176	191.975	-1.072
-100.241	-1.640	101.469	-1.231
129.737	-1.153	104.235	-1.262

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999950

LCC Standard Deviation: 2.828489E-6

Calibrated By: Kay Tol

Signature: Kay Tol

Temperature (Degrees C): 26.2

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