Certificate of Calibration

Pile Dynamics, Inc.

Transducer Model: PDI Transducer

Serial Number: V486

APR 0 5 2021

PDI Gage Factor: 146.2 me/V

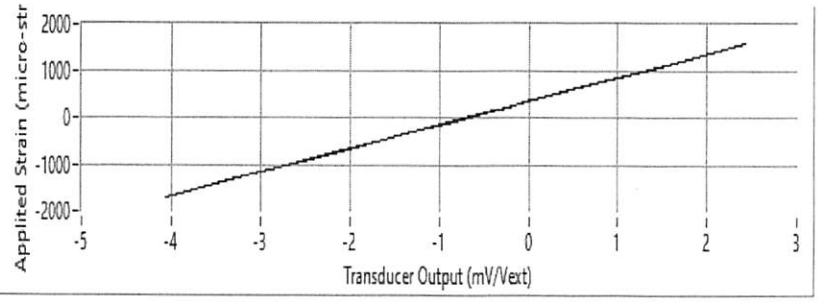
General Gage Factor: 507.8 me/mV/V$_{ext}$

Initial Offset Voltage: -0.135 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
177.683	-0.357	286.977	-0.172
63.621	-0.645	396.093	0.056
-206.263	-1.141	542.881	0.309
-490.299	-1.720	779.900	0.824
-770.773	-2.260	1070.933	1.382
-1049.864	-2.804	1371.520	1.974
-1329.566	-3.372	1596.736	2.433
-1608.757	-3.884	1536.475	2.267
-1662.890	-4.062	1236.672	1.705
-1469.937	-3.657	935.928	1.090
-1203.529	-3.095	645.167	0.526
-909.421	-2.538	446.545	0.138
-622.915	-1.941	349.646	-0.064
-334.491	-1.406	256.374	-0.212
-50.456	-0.819	157.790	-0.443
201.178	-0.339	160.247	-0.419

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999957

LCC Standard Deviation: 7.172630E-7

Calibrated By: Kay Tol

Signature: Kay Tol

Temperature (Degrees C): 25.5

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