Certificate of Calibration

Pile Dynamics, Inc.

Transducer Model: PDI Transducer

Serial Number: V479

APR 15 2021

PDI Gage Factor: 145.2 me/V

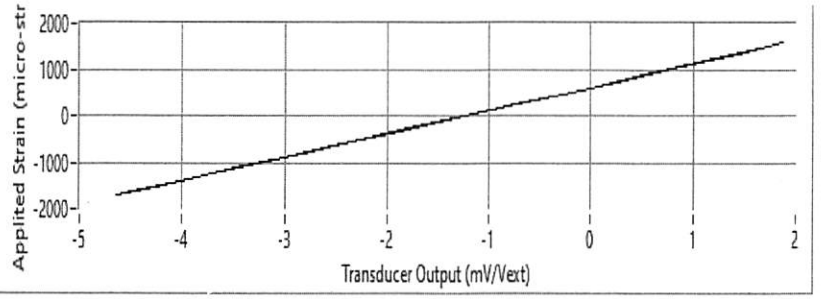
General Gage Factor: 504.2 me/mV/V$_{ext}$

Initial Offset Voltage: -0.357 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
201.645	-0.900	315.051	-0.680
58.555	-1.160	418.484	-0.457
-215.024	-1.717	548.039	-0.184
-493.290	-2.270	769.539	0.256
-775.378	-2.817	1053.150	0.805
-1055.367	-3.416	1353.537	1.437
-1345.140	-3.937	1603.413	1.885
-1614.049	-4.494	1520.832	1.738
-1696.342	-4.644	1212.830	1.120
-1509.662	-4.250	916.531	0.513
-1218.316	-3.705	632.340	-0.010
-925.469	-3.088	473.038	-0.366
-637.375	-2.536	403.423	-0.478
-347.992	-1.963	270.262	-0.756
-68.577	-1.404	164.743	-0.973
200.456	-0.893	169.538	-0.981

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999954

LCC Standard Deviation: 2.738040E-6

Calibrated By: Kay Tol

Signature: Kay Tol

Temperature (Degrees C): 26.2

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