Certificate of Calibration

Transducer Model: PDI Transducer

Pile Dynamics, Inc.

Serial Number: V480

PDI Gage Factor: 144.9 me/V

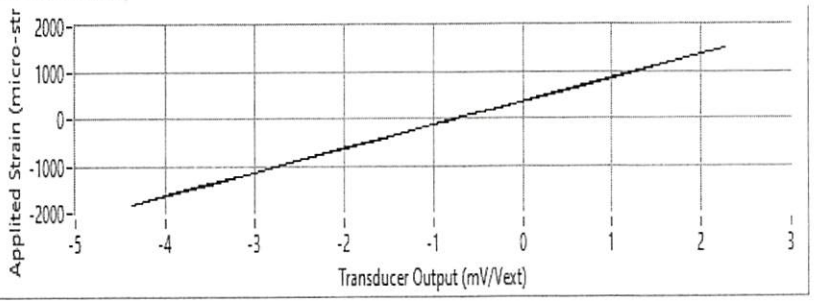
General Gage Factor: 503.1 me/mV/V$_{ext}$

Initial Offset Voltage: -0.301 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
-6.023	-0.772	57.150	-0.672
-111.618	-1.012	184.969	-0.379
-356.416	-1.486	412.631	0.059
-593.847	-1.964	675.394	0.563
-677.964	-2.547	972.283	1.185
-1168.389	-3.063	1272.346	1.743
-1452.898	-3.686	1516.004	2.272
-1736.957	-4.225	1445.578	2.091
-1622.421	-4.360	1138.322	1.477
-1596.934	-3.954	828.547	0.876
-1307.023	-3.339	534.606	0.264
-1010.932	-2.762	256.599	-0.251
-718.161	-2.178	112.301	-0.566
-436.061	-1.626	44.011	-0.686
-167.363	-1.095	-6.054	-0.788
-41.263	-0.831	-4.065	-0.600

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999952

Calibrated By: Kay Tol

LCC Standard Deviation: 1.487894E-6

Signature: Kay Tol

Temperature (Degrees C): 25.3

APR 2 0 2021

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