Certificate of Calibration

Transducer Model: PDI Transducer

Pile Dynamics, Inc.

Serial Number: V460

PDI Gage Factor: 145.5 me/V

MAR 2 4 2021

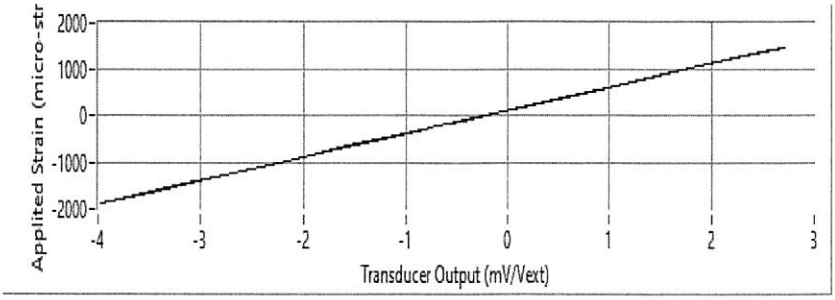
General Gage Factor: 505.2 me/mV/V$_{ext}$

Initial Offset Voltage: -0.282 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
-209.720	-0.703	-98.768	-0.442
-240.063	-0.747	99.193	-0.053
-425.783	-1.109	352.855	0.448
-643.306	-1.566	646.499	1.050
-926.803	-2.084	949.819	1.606
-1215.007	-2.687	1255.395	2.245
-1504.900	-3.241	1502.187	2.719
-1785.671	-3.801	1431.865	2.575
-1870.750	-3.971	1121.279	1.960
-1649.094	-3.489	810.463	1.311
-1349.013	-2.939	506.244	0.749
-1060.434	-2.332	214.239	0.147
-764.387	-1.759	-28.586	-0.329
-464.136	-1.223	-164.193	-0.593
-288.306	-0.806	-199.126	-0.679
-213.987	-0.700	-203.086	-0.648

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999949

Calibrated By: Kay Tol

LCC Standard Deviation: 2.670585E-6

Signature: Kay Tol

Temperature (Degrees C): 26.3

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