Certificate of Calibration

Transducer Model: PDI Transducer

Pile Dynamics, Inc.

Serial Number: V478

MAR 3 0 2021

PDI Gage Factor: 145.2 me/V

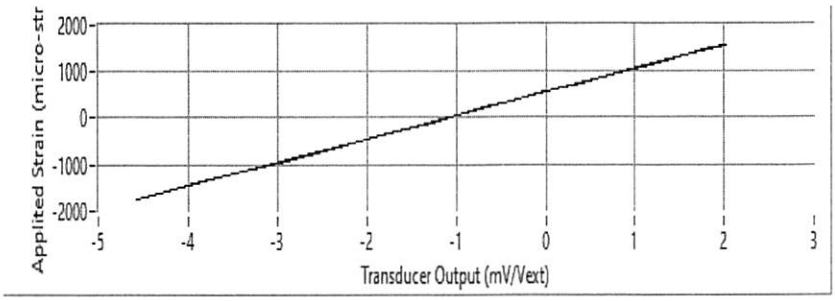
General Gage Factor: 504.1 me/mV/V$_{ext}$

Initial Offset Voltage: -0.326 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
168.281	-0.607	260.486	-0.602
31.563	-1.081	369.237	-0.374
-237.271	-1.569	517.273	-0.105
-516.747	-2.184	755.208	0.403
-802.586	-2.720	1044.344	0.944
-1068.789	-3.296	1339.443	1.548
-1370.505	-3.861	1582.956	2.028
-1654.851	-4.392	1511.366	1.848
-1732.851	-4.579	1200.005	1.270
-1532.532	-4.142	898.056	0.636
-1244.773	-3.577	615.086	0.065
-950.655	-2.994	418.736	-0.305
-655.472	-2.401	331.126	-0.491
-364.754	-1.863	229.825	-0.660
-96.815	-1.270	128.767	-0.894
172.835	-0.761	131.678	-0.864

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999952

Calibrated By: Kay Tol

LCC Standard Deviation: 3.216522E-6

Signature: Kay Tol

Temperature (Degrees C): 26.2

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