Certificate of Calibration

Pile Dynamics, Inc.

Transducer Model: PDI Transducer

Serial Number: V466

PDI Gage Factor: 147.2 me/V

MAR 2 4 2021

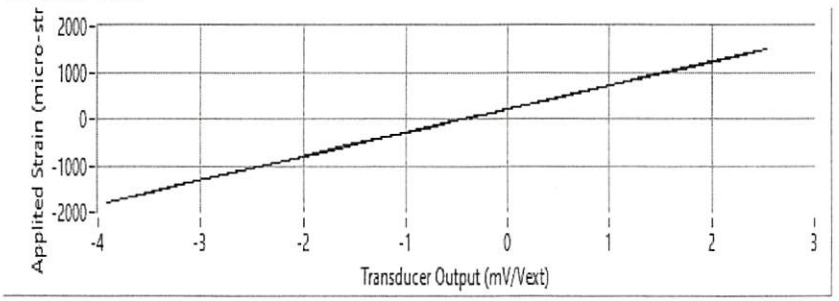
General Gage Factor: 511.0 me/mV/V$_{ext}$

Initial Offset Voltage: -0.140 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
69.692	-0.352	109.850	-0.235
-36.262	-0.553	229.224	-0.013
-280.954	-1.019	422.279	0.366
-555.637	-1.577	701.664	0.932
-837.541	-2.096	993.473	1.466
-1121.209	-2.662	1291.584	2.069
-1408.567	-3.222	1535.668	2.539
-1685.356	-3.756	1458.938	2.391
-1764.623	-3.917	1153.713	1.799
-1563.156	-3.487	855.490	1.184
-1267.691	-2.952	562.992	0.651
-977.130	-2.362	295.734	0.092
-666.651	-1.807	164.427	-0.146
-403.575	-1.266	104.744	-0.266
-133.690	-0.705	43.041	-0.403
16.462	-0.452	42.696	-0.363

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999954

LCC Standard Deviation: 3.979280E-7

Calibrated By: Kay Tol

Signature: Kay Tol

Temperature (Degrees C): 26.2

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