Certificate of Calibration

Transducer Model: PDI Transducer

Pile Dynamics, Inc.

Serial Number: 499

PDI Gage Factor: 113.4 me/V

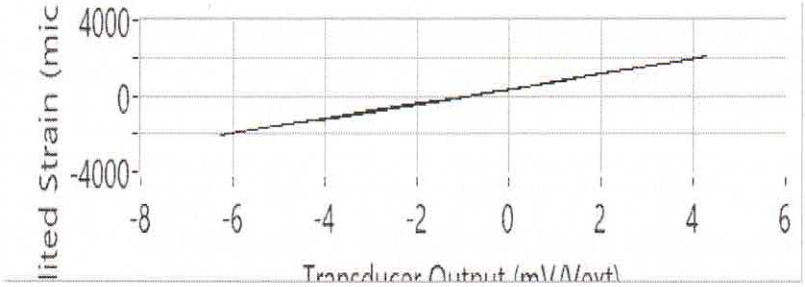
General Gage Factor: 393.8 me/mV/V$_{ext}$

Initial Offset Voltage: -0.436 mV/V$_{ext}$

Table 1 Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext)	Applied Strain (micro-strain)	Transducer Output (mV/Vext)
19.779	-0.820	216.451	-0.467
-155.315	-1.377	524.974	0.012
-463.381	-2.223	852.840	1.199
-802.451	-3.035	1181.117	1.668
-1095.209	-3.796	1515.790	2.797
-1382.057	-4.546	1859.372	3.642
-1674.250	-5.301	2124.142	4.273
-1969.536	-6.066	2067.915	4.159
-2059.510	-6.272	1730.199	3.345
-1868.197	-5.833	1426.593	2.551
-1561.659	-5.050	1093.804	1.769
-1250.219	-4.269	775.499	0.976
-959.781	-3.497	456.959	0.178
-661.269	-2.715	169.394	-0.548
-346.394	-1.906	22.848	-0.918
-59.053	-1.195	22.395	-0.920

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999902

LCC Standard Deviation: 1.519875E-6

Calibrated By: Paul Hartman

Signature: Paul Hartman

Date and Time: 2/23/2023 9:08 AM

Temperature (Degrees C): 26.0