Certificate of Calibration

Transducer Model: PDI Transducer

Pile Dynamics, Inc.

Serial Number: 495

PDI Gage Factor: 107.3 me/V

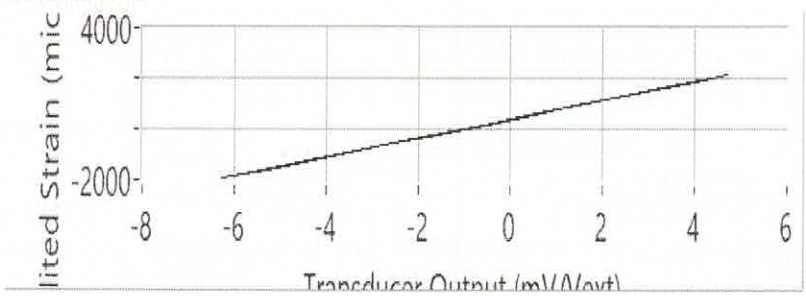
General Gage Factor: 372.5 me/mV/V$_{exc}$

Initial Offset Voltage: -0.371 mV/V$_{exc}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vexc)	Applied Strain (micro-strain)	Transducer Output (mV/Vexc)
67.693	-0.784	267.335	-0.298
-103.994	-1.269	566.586	0.915
-416.268	-2.117	891.203	1.994
-711.332	-2.917	1220.571	3.070
-992.348	-3.677	1550.772	3.143
-1286.676	-4.471	1882.844	4.012
-1587.358	-5.271	2150.271	4.705
-1884.532	-6.058	2083.973	4.552
-1960.701	-6.279	1749.917	3.696
-1779.368	-5.816	1437.486	2.877
-1473.817	-4.988	1133.728	2.075
-1164.061	-4.160	815.790	1.229
-850.165	-3.338	501.439	0.377
-565.937	-2.555	225.857	-0.368
-275.163	-1.764	68.269	-0.792
31.718	-0.939	56.634	-0.793

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999961

LCC Standard Deviation: 6.234135E-7

Calibrated By: Paul Hartman

Signature: Paul Hartman

Date and Time: 2/23/2023 12:47 PM

Temperature (Degrees C): 26.8