Certificate of Calibration

Transducer Model: PDI Transducer

Pile Dynamics, Inc.

Serial Number: V458

MAR 2 9 2021

PDI Gage Factor: 144.8 me/V

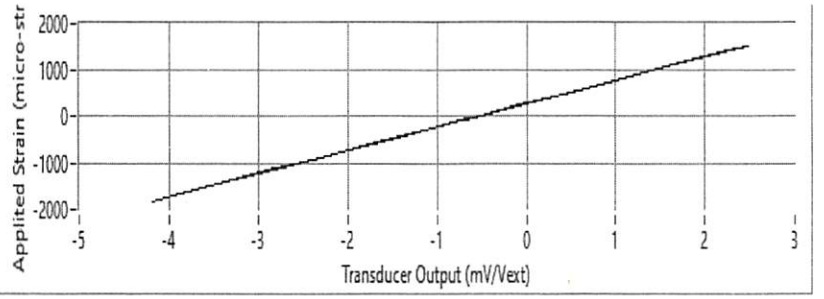
General Gage Factor: 502.9 **me**/mV/V$_{ext}$

Initial Offset Voltage: -0.322 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
-103.585	-0.624	-8.954	-0.577
-143.143	-0.675	157.693	-0.265
-325.064	-1.247	407.023	0.238
-585.574	-1.775	698.492	0.825
-864.676	-2.300	996.196	1.392
-1151.436	-2.908	1293.733	2.024
-1445.131	-3.453	1546.258	2.482
-1731.748	-4.023	1479.835	2.354
-1607.456	-4.183	1165.246	1.718
-1590.079	-3.731	854.563	1.065
-1301.687	-3.160	552.811	0.522
-1004.606	-2.556	262.162	-0.094
-711.182	-1.992	38.442	-0.515
-435.009	-1.441	-65.205	-0.765
-212.065	-0.986	-98.717	-0.801
-115.559	-0.632	-100.410	-0.763

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999945

LCC Standard Deviation: 3.129596E-6

Calibrated By: Kay Tol

Signature: Kay Tol

Temperature (Degrees C): 26.2

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