Pile Dynamics, Inc.

Certificate of Calibration

Transducer Model: PDI Transducer

Serial Number: V477

MAR 2 9 2021

PDI Gage Factor: 145.1 me/V

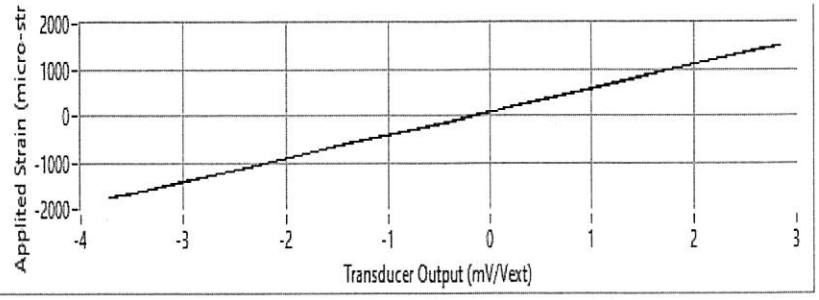
General Gage Factor: 503.9 **me**/mV/V$_{ext.}$

Initial Offset Voltage: -0.033 mV/V$_{ext.}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
65.954	-0.099	121.834	0.033
-51.544	-0.339	243.344	0.276
-276.579	-0.755	427.050	0.629
-550.167	-1.338	705.605	1.217
-830.610	-1.875	995.641	1.757
-1121.138	-2.448	1295.651	2.368
-1403.491	-3.019	1540.910	2.846
-1684.106	-3.546	1465.694	2.683
-1762.278	-3.730	1163.639	2.104
-1562.163	-3.283	862.213	1.466
-1267.090	-2.721	571.639	0.921
-976.610	-2.141	315.729	0.401
-687.361	-1.553	188.721	0.147
-399.391	-1.020	128.924	0.045
-130.284	-0.442	57.854	-0.130
41.863	-0.132	55.024	-0.090

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999953

LCC Standard Deviation: 2.313399E-6

Calibrated By: Kay Tol

Signature: Kay Tol

Temperature (Degrees C): 26.2

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