Certificate of Calibration

Pile Dynamics, Inc.

Transducer Model: PDI Transducer

Serial Number: V483

PDI Gage Factor: 142.3 me/V

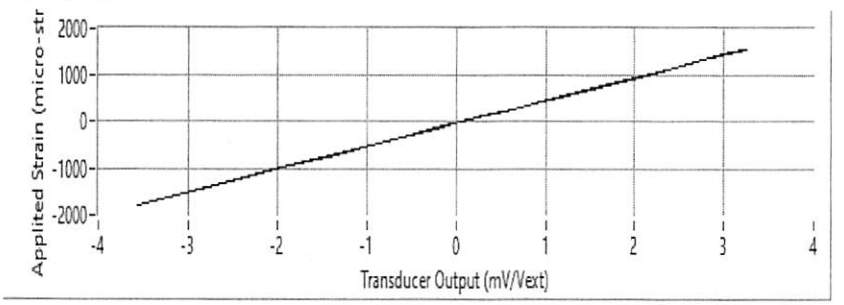
General Gage Factor: 494.2 **me**/mV/V$_{ext}$

Initial Offset Voltage: 0.019 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
15.627	0.062	103.612	0.234
-64.852	-0.166	238.709	0.551
-323.684	-0.612	460.485	0.962
-575.061	-1.136	723.973	1.522
-855.443	-1.701	1027.127	2.139
-1139.181	-2.260	1339.041	2.754
-1425.096	-2.864	1572.702	3.259
-1707.159	-3.395	1505.994	3.066
-1778.206	-3.565	1191.785	2.452
-1571.583	-3.127	882.764	1.813
-1281.370	-2.537	578.047	1.160
-967.935	-1.969	292.327	0.635
-699.054	-1.349	138.664	0.289
-414.976	-0.804	64.164	0.166
-141.886	-0.234	9.583	0.050
2.193	0.047	11.227	0.045

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999950

Calibrated By: Kay Tol

LCC Standard Deviation: 1.360735E-6

Signature: Kay Tol

Temperature (Degrees C): 26.9

APR 2 1 2021

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