# Certificate of Calibration

Transducer Model: PDI Transducer

Pile Dynamics, Inc.

**Serial Number: V481**

**PDI Gage Factor: 143.5 me/V**

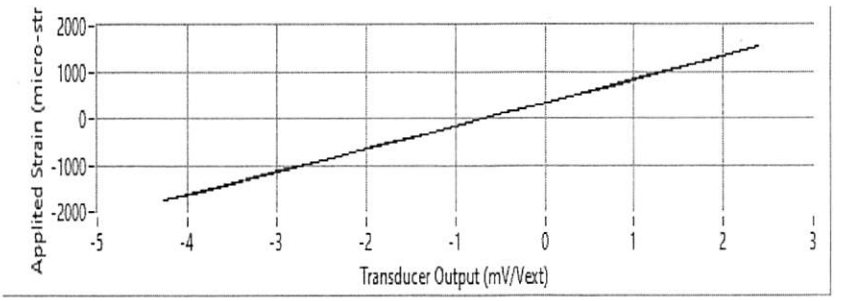
General Gage Factor: 498.4 **me**/mV/V$_{ext}$

Initial Offset Voltage: -0.191 mV/V$_{ext}$

Table 1: Representative Calibration Data

| Applied Strain (micro-strain) | Transducer Output (mV/Vext.) | Applied Strain (micro-strain) | Transducer Output (mV/Vext.) |
|---|---|---|---|
| 113.419 | -0.522 | 226.653 | -0.261 |
| -16.195 | -0.774 | 329.792 | -0.054 |
| -260.890 | -1.251 | 456.977 | 0.185 |
| -539.748 | -1.853 | 723.337 | 0.760 |
| -827.276 | -2.387 | 1016.030 | 1.304 |
| -1111.421 | -2.984 | 1310.152 | 1.915 |
| -1393.936 | -3.546 | 1551.815 | 2.395 |
| -1674.314 | -4.060 | 1477.038 | 2.226 |
| -1751.877 | -4.263 | 1174.707 | 1.632 |
| -1554.660 | -3.816 | 875.702 | 1.000 |
| -1264.426 | -3.257 | 566.346 | 0.450 |
| -971.376 | -2.660 | 352.362 | 0.030 |
| -660.598 | -2.070 | 287.036 | -0.159 |
| -390.479 | -1.515 | 192.315 | -0.338 |
| -109.631 | -0.914 | 98.681 | -0.561 |
| 132.029 | -0.466 | 100.070 | -0.516 |

**Calibration Curve**




Mean Linear Correlation Coefficient (LCC): 0.999946

Calibrated By: Kay Tol

LCC Standard Deviation: 1.980924E-6

Signature: Kay Tol

Temperature (Degrees C): 25.3



APR 12 2021

PILE DYNAMICS, INC.
ORIGINAL COPY