



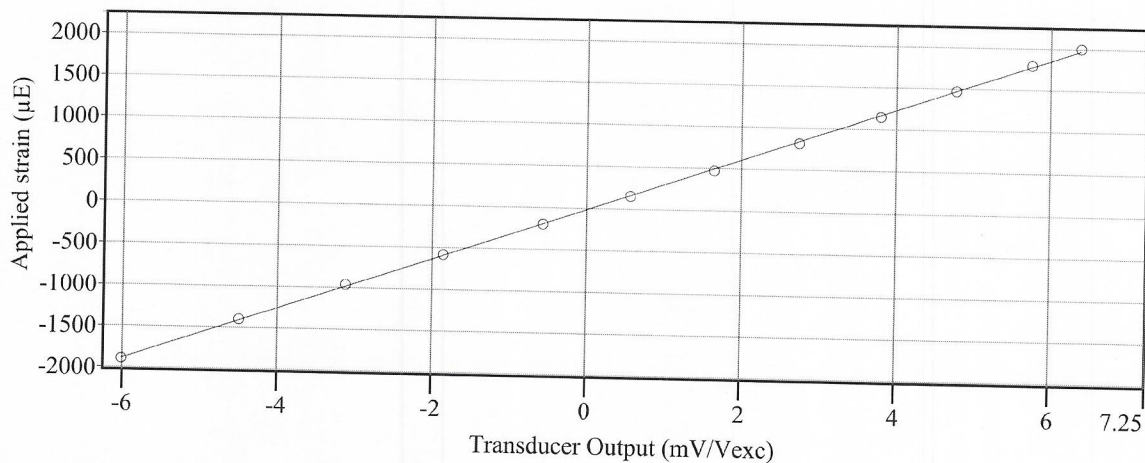
# Certificate of Calibration

Pile Dynamics, Inc.  
 Transducer Model: PDI Strain Transducer  
 Serial Number: Z170  
 PDI Gage Factor: 89.9  
 Mean Linear Correlation Coefficient: 0.999799

Table 1: Representative Calibration Data

Applied strain ( $\mu\text{E}$ )	Gage Output (mV/Vexc)	Applied strain ( $\mu\text{E}$ )	Gage Output (mV/Vexc)
-1889.8	-6.012	472.4	1.645
-1404.2	-4.494	813.6	2.744
-964.6	-3.117	1143.9	3.800
-584.0	-1.854	1469.8	4.777
-196.9	-0.566	1791.3	5.754
150.9	0.566	2001.3	6.387

Calibration Curve



PDI Strain Transducer Calibration System (PDI STCS)

PDI STCS Serial Number:	1006HA
Firmware version number:	0.9.0.0
Transducer Gage Length:	3 inches (76.2mm)
Excitation Voltage for Calibration:	5.0 VDC

PDI certifies the above STCS instrument meets or exceeds published specifications and has been verified using standards and instruments whose accuracies are traceable to the National Institute of Standards and Technology (NIST), an accepted value of a natural physical constant or a ratio calibration technique.

Calibrated By: Paul Hartman

Signature: Paul Hartman

PDI Gage: Z170

Calibration Date: OCT 16 2023

