



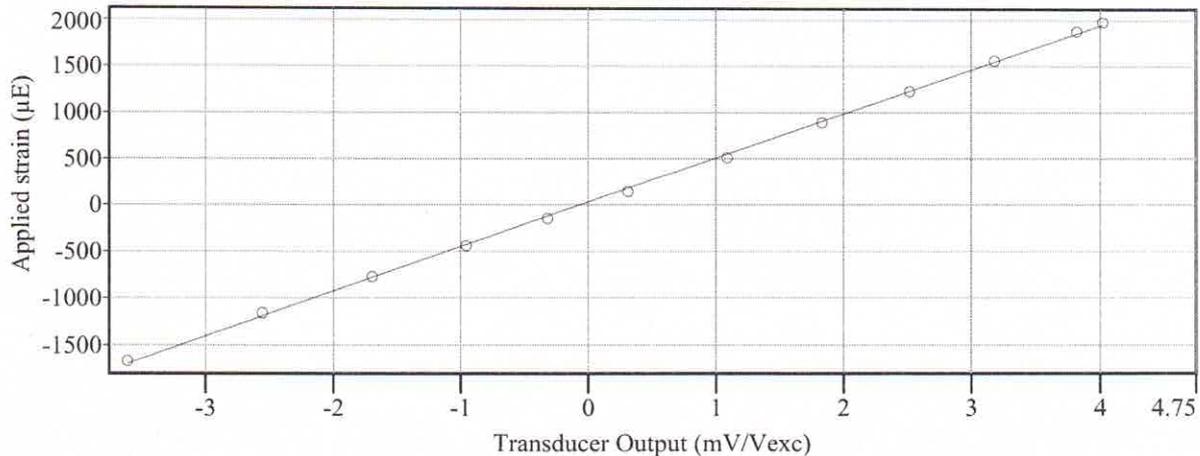
# Certificate of Calibration

Pile Dynamics, Inc.  
 Transducer Model: PDI Strain Transducer  
 Serial Number: Q032  
 PDI Gage Factor: 138.2  
 Mean Linear Correlation Coefficient: 0.999515

Table 1: Representative Calibration Data

Applied strain ( $\mu\text{E}$ )	Gage Output (mV/Vexc)	Applied strain ( $\mu\text{E}$ )	Gage Output (mV/Vexc)
-1666.7	-3.608	511.8	1.087
-1161.4	-2.556	892.4	1.831
-774.3	-1.695	1233.6	2.517
-439.6	-0.955	1561.7	3.180
-150.9	-0.317	1883.2	3.820
137.8	0.311	1981.6	4.020

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:

PDI Gage: Q032

Calibration Date: 12/21/2023 8:24:02 AM

