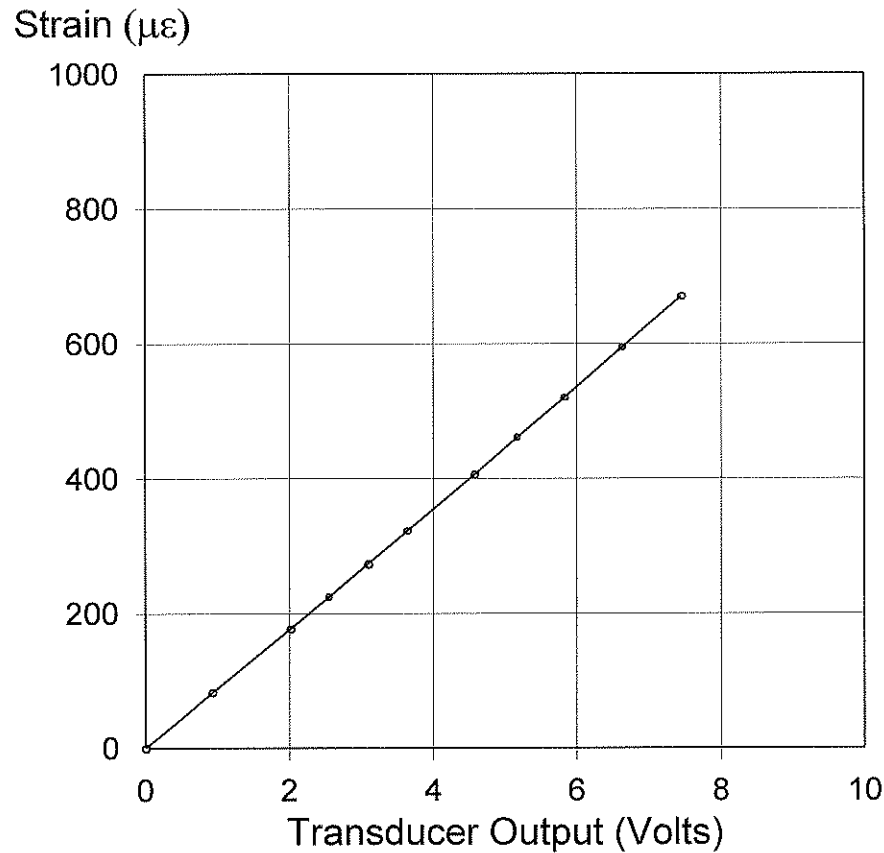




Pile Dynamics, Inc.

Transducer 8963



PDA Cal Factor 90.0 $\mu\epsilon/V$

| Applied Strain ($\mu\epsilon$) | Transducer Output (Volts) |
|----------------------------------|---------------------------|
| 0 | 0.00 |
| 83 | 0.94 |
| 177 | 2.01 |
| 224 | 2.55 |
| 273 | 3.09 |
| 322 | 3.63 |
| 407 | 4.57 |
| 462 | 5.18 |
| 520 | 5.82 |
| 595 | 6.62 |
| 671 | 7.45 |

Shunt (60.4 K Ω) 5.0 V
 General Factor 312.6 $\mu\epsilon/mV/V$

Traceable to N.I.S.T.

Strain Transducer Calibrator System 2004 Version 1.2

Calibrated by: *R. Eason*
 Calibrated on: 07-Jun-2005