



# Certificate of Calibration

TechSense

Transducer Model: PDI Strain Transducer

Serial Number: S769

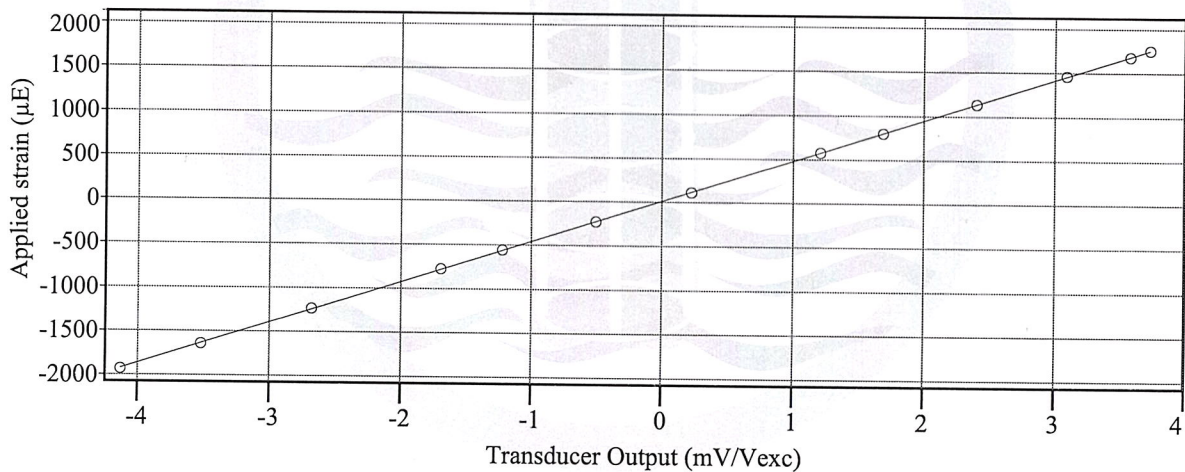
PDI Gage Factor: 141.3

Mean Linear Correlation Coefficient: 0.999977

Table 1: Representative Calibration Data

| Applied strain ( $\mu\text{E}$ ) | Gage Output (mV/Vexc) | Applied strain ( $\mu\text{E}$ ) | Gage Output (mV/Vexc) |
|----------------------------------|-----------------------|----------------------------------|-----------------------|
| -1931.2                          | -4.131                | 576.1                            | 1.206                 |
| -1641.3                          | -3.519                | 799.0                            | 1.687                 |
| -1236.1                          | -2.683                | 1133.2                           | 2.402                 |
| -777.0                           | -1.696                | 1459.7                           | 3.089                 |
| -557.7                           | -1.224                | 1679.8                           | 3.576                 |
| -230.8                           | -0.507                | 1755.3                           | 3.728                 |
| 110.6                            | 0.224                 |                                  |                       |

Calibration Curve



PDI Strain Transducer Calibration System (PDI STCS)

|                                     |                   |
|-------------------------------------|-------------------|
| PDI STCS Serial Number:             | 1003HA            |
| Firmware version number:            | 0.9.0.0           |
| Transducer Gage Length:             | 3 inches (76.2mm) |
| Excitation Voltage for Calibration: | 5.0 VDC           |

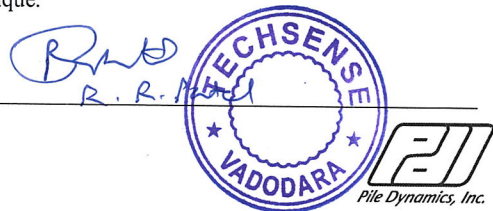
PDI certifies the above STCS instrument meets or exceeds published specifications and has been verified using standards and instruments whose accuracies are traceable to the National Institute of Standards and Technology (NIST), an accepted value of a natural physical constant or a ratio calibration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

Calibrated By: RASENDU PATEL

Signature: \_\_\_\_\_

PDI Gage: S769

Calibration Date: 12-09-2024 14:43:31



## TechSense

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