

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.
 Calibration performed on 29Jan2024

Serial No: K10167 Temperature: 21.3 °C

Model: PR Humidity: 31%

Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR

389.1 mv/5000g
 (77.8 $\mu\text{v/g}$)
 R²: 0.999933 [Chip programmed]

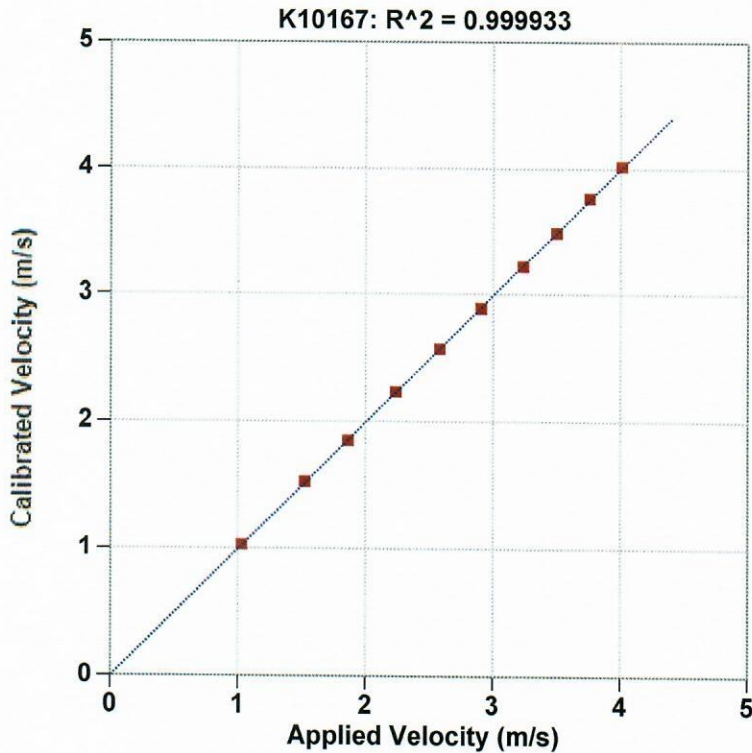
Operator: William Johnson

Signed

Ref Acc 1: 72505! Cal on: 24Mar2022
 1035 g's/volt

Ref Acc 2: 72517! Cal on: 24Mar2022
 1049 g's/volt

Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).



Reference Velocity	S/N K10167 Velocity
m/s	m/s
1.026	1.028
1.523	1.533
1.862	1.853
2.237	2.239
2.579	2.577
2.903	2.894
3.236	3.223
3.498	3.496
3.757	3.766
4.009	4.019

Maximum Acceleration: 865 g's