

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 03May2023

Serial No: K11374      Temperature: 74.3 °C  
 Model: PR      Humidity: 30%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

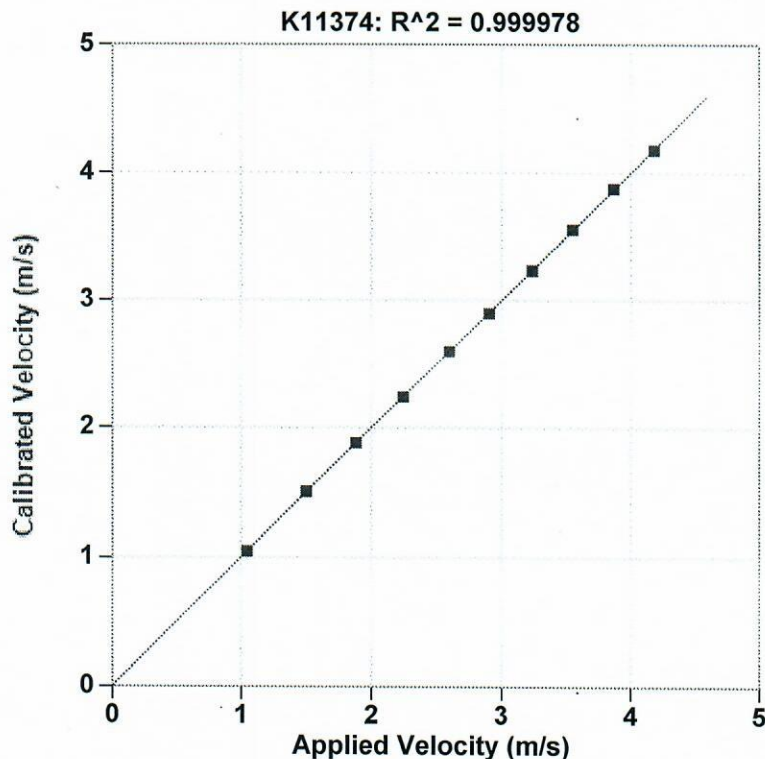
**383.6 mv/5000g**  
 (76.7  $\mu$ v/g)  
 R<sup>2</sup>: 0.999978 [Chip programmed]

Ref Acc 1: 72517!      Cal on: 24Mar2022  
 1049 g's/volt  
 Ref Acc 2: 72505!      Cal on: 24Mar2022  
 1035 g's/volt

Operator: William Johnson

  
 Signed

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



Reference Velocity m/s	S/N K11374 Velocity m/s
1.044	1.047
1.500	1.503
1.883	1.880
2.244	2.240
2.598	2.598
2.904	2.899
3.238	3.235
3.549	3.556
3.869	3.878
4.185	4.180

Maximum Acceleration: 917 g's