

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 09Jun2023

Serial No: K12833      Temperature: 73.4 °C  
 Model: PR      Humidity: 38%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

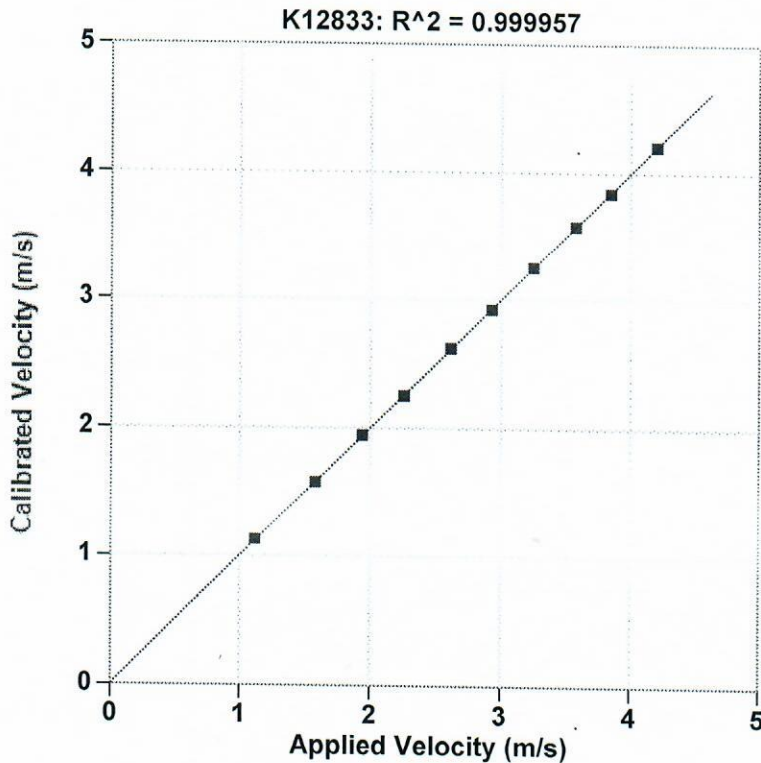
**408.6 mv/5000g**  
 (81.7  $\mu$ v/g)  
 R<sup>2</sup>: 0.999957 [Chip programmed]

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

Operator: William Johnson

*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 K12833 Velocity m/s
1.119	1.130
1.579	1.579
1.938	1.944
2.257	2.252
2.614	2.624
2.928	2.922
3.250	3.254
3.578	3.580
3.850	3.842
4.207	4.205

Maximum Acceleration: 931 g's