

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.
Calibration performed on 01Sep2023

Serial No: K4019 Temperature: 23.3 °C

Model: PR Humidity: 51%

Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

389.3 mv/5000g

(77.9 $\mu\text{v/g}$)

R²: 0.999926 [Chip programmed]

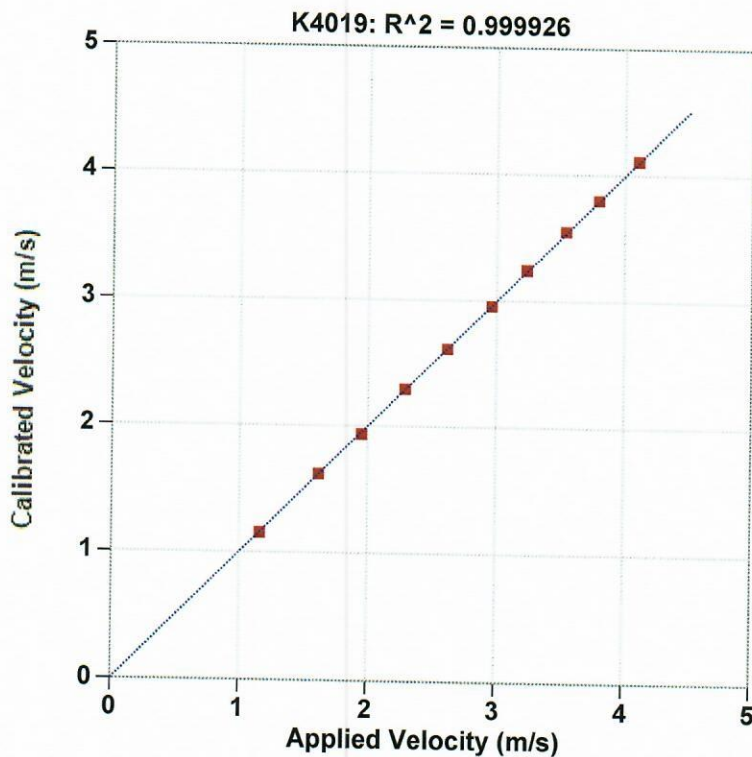
Operator: William Johnson


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 K4019 Velocity
m/s	m/s
1.161	1.154
1.618	1.617
1.953	1.935
2.290	2.295
2.618	2.612
2.963	2.955
3.237	3.243
3.543	3.553
3.797	3.799
4.107	4.109
Maximum Acceleration: 891 g's	