

JUN - 7 2022 KIRKLAND MUNICIPAL COURT



243899-2

6640 185th Ave NE, Redmond, WA 98052 T.425.895.8617, F.425.702.9358

CERTIFICATE #:

# **CERTIFICATE OF CALIBRATION**

## STANDARD CALIBRATION

### CLYDE HILL POLICE DEPARTMENT

9605 NE 24TH ST. CLYDE HILL, WA 98004

This certifies that the instrument listed herein was calibrated by Cascade Engineering Services' Calibration Laboratory, which is fully accredited in accordance with the recognized International Standards ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories. Cascade Engineering Services' Calibration Laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. Standards used to perform this calibration are certified by or traceable to NIST, natural physical constants, consensus standards or derived by the ratio type of calibrations. All calibrations are performed to manufacturer's specifications unless otherwise noted. Standard Calibration, while still traceable, does not meet all requirements for an Accredited Calibration per ISO/IEC 17025:2017, that is "As Found" data for equipment in tolerance and Measurement Uncertainties are not recorded. This certificate shall not be reproduced, except in full, without prior written approval of the laboratory.

#### DESCRIPTION: SPEED MEASURING DEVICE ASSET #: PYT124000663 SERIAL NUMBER: PYT124000663 MANUFACTURER: MPH INDUSTRIES MODEL NUMBER: PYTHON III DEPARTMENT: N/A PATROL CAR #: N/A ENVIRONMENT: 68.0 °F/30.1 %RH BASIC ACCURACY: REFERENCE CAL PROCEDURE CAL INTERVAL: **12 MONTHS** DUE DATE: June 07, 2023

### EQUIPMENT CONDITION AS RECEIVED

Initial testing found this equipment to be "IN TOLERANCE", as defined by the basic accuracy stated above.

#### EQUIPMENT CONDITION AS DELIVERED

At the completion of the calibration, measured values were "IN TOLERANCE", as defined by the basic accuracy stated above.

#### TUNNING FORK(S) SUPPLIED WITH THIS DEVICE

	DESCRIPTION	SERIAL NUMBER	RATED SPEED	FREQUEN	ICY
TUNING FC	ORK ONE	70621	35 M.P.H.		2520 Hz
TUNING FC	DRK TWO	69972	65 M.P.H.		4680 Hz
Antenna	1 SN: PYT831015736	Frequency: 24.143 GHz	Antenna 2 SN: PYT8310'	15737, Frequency:	24.158 GHz
STAND	ARD(S) USED FO	R CERTIFICATION			
I.D.	MODEL	MANUFACTURER	DESCRIPTION	N	DUE DATE
MET1259	NOVA-DISPLAY	OPHIR	LASER POWER METER	The second second	03/09/2023
MET1260	PD300-SH	OPHIR	LASER POWER HEAD		03/10/2023
PROCE	DURE(S) USED F	OR CERTIFICATION			
DOCUMENT ID		DE	SCRIPTION	REV	<b>REV DATE</b>
CP-SMD-00	1 RADAR A	ND LIDAR CALIBRATION PROCEDU	JRE	NEW	11/14/2019

#### **CERTIFICATION NOTES**

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the above information is true and correct

PERFORMED BY

LOCATION: Redmond, WA
CALIBRATION DATE: Tuesday, June 07, 2022

THIS LABORATORY IS A2LA ACCREDITED TO ISO/IEC 17025 2017 (GENERAL REQUIREMENTS FOR THE COMPETENCE OF TESTING AND CALIBRATION LABORATORIES). CERTIFICATE # 2560 01
F540-1.3/REVISION M
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MARCH 2020

THIS DOCUMENT IS MAINTAINED AS A PUBLIC RECORD IN ACCORDANCE WITH RCW 5 44

#### Certificate Concerning Design and Construction of Electronic Speed Measuring Devices IRLJ Rule 6.6

I, Mark Johnson, do certify under penalty of perjury as follows:

I am employed with MPH Industries as a Service Technician, a position I have held for 5 year's with as a Technician.

Part of my duties includes overseeing the certification and calibration of speed measuring devices (SMD's).

The radar model being calibrated: Python III	
The serial number(s) of its display/counting unit(s): 124000	0663
The serial number(s) of its antenna(s): F. B31015736	R. B31015737

I have the following qualifications with respect to the above stated SMD.

I am a Service Technician with MPH Industries, Inc. I have received an Associates Degree in Electrical Technology from Owensboro Community and Technical College. My responsibilities at MPH include the maintenance, calibration and repair of SMD's. I have many years experience with electronics and have been in service for MPH for one year.

Our company maintains records for all of the above state SMD's. I am personally familiar with those manuals and how each of SMD's are designed and operated. All initial testing of the SMD's was conducted under my directions. The units were evaluated to meet or exceed existing performance standards. Our company maintains a testing and certification program of these SMD's. The SMD listed above was tested and calibrated for accuracy with tractability to the National Institute of Standards and Technology (formerly National Bureau of Standards). If tuning forks accompanied the SMD, they also were certified as accurate.

Based upon my education, training, experience and my knowledge of the SMD's listed above, it is my opinion that each of these pieces of equipment is so designed and constructed as to accurately employ the Doppler effects such that it will give accurate measurements of the speed of motor vehicles when properly calibrated and operated by trained personnel.

MPH Industries does hereby certify the above listed radar unit meets manufacturer's published specifications and has been calibrated using standards whose accuracy's are traceable to the National Institute of Standards and Technology.

ed By: Mark Johnson

Notary Public in and for the State of Kentucky

My appointment expires 3/19/2025



Date Signed 5/10/2022

Date Signed