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ON-SITE CERTIFICATE #: OS2-00046070

# CERTIFICATE OF CALIBRATION

## STANDARD CALIBRATION

### YAKIMA POLICE DEPARTMENT

200 SOUTH THIRD STREET YAKIMA, WA 98901

*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

<b>ASSET #:</b>	53	<b>SERIAL NUMBER:</b>	PL15349
<b>MANUFACTURER:</b>	KUSTOM SIGNALS, INC.	<b>MODEL NUMBER:</b>	PRO LASER III
<b>DEPARTMENT:</b>	N/A	<b>PATROL CAR #:</b>	N/A
<b>ENVIRONMENT:</b>	65.0 °F/39.0 %RH	<b>BASIC ACCURACY:</b>	REFERENCE CAL PROCEDURE
<b>CAL INTERVAL:</b>	24 MONTHS	<b>DUE DATE:</b>	June 03, 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.

#### LASER SYSTEM OUTPUTS

**PULSE REFERENCE FREQUENCY** 220.5096 Hz      **OPTICAL POWER OUTPUT:** 152.7 µW

#### STANDARD(S) USED FOR CERTIFICATION


I.D.	MODEL	MANUFACTURER	DESCRIPTION	DUE DATE
MET1259	NOVA-DISPLAY	OPHIR	LASER POWER METER	03/17/2022
MET1260	PD300-SH	OPHIR	LASER POWER HEAD	03/22/2022
MET1335	7024707	LASER TECHNOLOGY INC	LASER SPEED MEASUREMENT SIMULATOR	11/11/2021
MET1336	7005320	LASER TECHNOLOGY INC	OPTICAL INTERFACE UNIT	

#### PROCEDURE(S) USED FOR CERTIFICATION

DOCUMENT ID	DESCRIPTION	REV	REV DATE
CP-SMD-001	RADAR AND LIDAR CALIBRATION PROCEDURE	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**   
 METROLOGIST: JOHN GRAY

**LOCATION:** YAKIMA, WA  
**CALIBRATION DATE:** Thursday, June 03, 2021