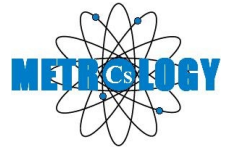




Cascade Engineering Services, Inc.

6640 185th Ave NE, Redmond, WA 98052

T.425.895.8617, F.425.702.9358



ON-SITE CERTIFICATE #: OS2-00039822

CERTIFICATE OF CALIBRATION

STANDARD CALIBRATION

KITSAP COUNTY SHERIFFS OFFICE

3951 NW RANDALL WAY SILVERDALE, WA 98383

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 17025:2005 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 17025:2005, 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, LIDAR | | |
| ASSET #: | L-18 | SERIAL NUMBER: | TJ000544 |
| MANUFACTURER: | LASER TECHNOLOGY INC | MODEL NUMBER: | TRUSPEED S |
| DEPARTMENT: | N/A | PATROL CAR #: | N/A |
| ENVIRONMENT: | 47.0 °F/40.0 %RH | BASIC ACCURACY: | REFERENCE MFRS SPECIFICATIONS |
| CAL INTERVAL: | 24 MONTHS | DUE DATE: | January 11, 2021 |

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 2801.1204 Hz **OPTICAL POWER OUTPUT:** 732 µW

STANDARD(S) USED FOR CERTIFICATION

| I.D. | MODEL | MANUFACTURER | DESCRIPTION | DUE DATE |
|---------|--------------|----------------------|-----------------------------------|------------|
| MET1259 | NOVA-DISPLAY | OPHIR | LASER POWER METER | 10/12/2019 |
| MET1260 | PD300-SH | OPHIR | LASER POWER HEAD | 10/11/2019 |
| MET1335 | 7024707 | LASER TECHNOLOGY INC | LASER SPEED MEASUREMENT SIMULATOR | 10/22/2019 |
| MET1336 | 7005320 | LASER TECHNOLOGY INC | OPTICAL INTERFACE UNIT | |

PROCEDURE(S) USED FOR CERTIFICATION

| DOCUMENT ID | DESCRIPTION | REV | REV DATE |
|-------------|---|-----|------------|
| SMD101 | DOPPLER RADAR / LIDAR CALIBRATION PROCEDURE | A | 06/01/2006 |

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 Nicolas Mowry
METROLOGIST: NICOLAS MOWRY

LOCATION: SILVERDALE, WA
CALIBRATION DATE: Friday, January 11, 2019

THIS LABORATORY IS A2LA ACCREDITED TO ISO/IEC 17025:2005 (GENERAL REQUIREMENTS FOR THE COMPETENCE OF TESTING AND CALIBRATION LABORATORIES), CERTIFICATE #: 2560.01