# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** FIEM INDUSTRIES LTD., R&D DIVISION, PLOT NO. 1915, RAI INDUSTRIAL ESTATE, PHASE V, SONIPAT, HARYANA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-6754 **Page No** 1 of 3

**Validity** 15/02/2022 to 14/02/2024 **Last Amended on** 07/03/2022

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP) | Auto Lamps | Color Coordinate x Measurement | AIS-010(PART-5)REV.1 |
| 2 | PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP) | Auto Lamps | Color Coordinate y Measurement | AIS-010(PART-5), REV.1, |
| 3 | PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP) | Auto lamps | Luminous flux | AIS-34, REV.1 |
| 4 | PHOTOMETRY- LIGHT SOURCES (ELECTRIC LAMP) | Auto Lamps | Luminous Flux | ECE R -37, |
| 5 | PHOTOMETRY-LUMINARIES | Direction Indicator Lamps | Color Coordinate x Measurement | AIS-010(PART 5)REV. 1, |
| 6 | PHOTOMETRY-LUMINARIES | Direction Indicator Lamps | Color Coordinate y Measurement | AIS-010(PART-5) REV.1, |
| 7 | PHOTOMETRY-LUMINARIES | Direction Indicator Lamps | Light Intensity Distribution | AIS-010(Part 3) Rev.1 |
| 8 | PHOTOMETRY-LUMINARIES | Direction Indicator Lamps | Light Intensity Distribution | AIS-012(PART-5)REV.1, |
| 9 | PHOTOMETRY-LUMINARIES | Direction Indicator Lamps | Light Intensity Distribution | ECE R -50, 148 |
| 10 | PHOTOMETRY-LUMINARIES | Direction Indicator Lamps | Light Intensity Distribution | ECE R-6,148 |
| 11 | PHOTOMETRY-LUMINARIES | Front Fog Lamps | Color Coordinate x Measurement | AIS-010(PART 5),REV.1 |
| 12 | PHOTOMETRY-LUMINARIES | Front Fog Lamps | Color Coordinates y measurement | AIS-010(PART 5) REV.1 |
| 13 | PHOTOMETRY-LUMINARIES | Front Fog Lamps | Light Intensity Distribution | AIS-012(PART-1)REV.1, |
| 14 | PHOTOMETRY-LUMINARIES | Front Fog Lamps | Light Intensity Distribution | ECE R-19, |
| 15 | PHOTOMETRY-LUMINARIES | Head Lamps | Color Coordinate x Measurement | AIS-010(PART-5) REV. 1 |
| 16 | PHOTOMETRY-LUMINARIES | Head Lamps | Color Coordinate y Measurement | AIS-010(PART-5)REV.1 |
| 17 | PHOTOMETRY-LUMINARIES | Head Lamps | Light Intensity Distribution | AIS-010( PART 1, 2 ) REV. 1 |

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| 18 | PHOTOMETRY-LUMINARIES | Head Lamps | Light Intensity Distribution | ECE R-112,149 |
| 19 | PHOTOMETRY-LUMINARIES | Head Lamps | Light Intensity Distribution | ECE R-113,149 |
| 20 | PHOTOMETRY-LUMINARIES | Head Lamps | Light Intensity Distribution | ECE R-50,148 |
| 21 | PHOTOMETRY-LUMINARIES | Number Plate | Luminance and Gradient OF Luminance | AIS 010 (PART 3) : REV 1 |
| 22 | PHOTOMETRY-LUMINARIES | Number plate | Luminance and Gradient of Luminance | AIS-012 (PART 4): REV.1 |
| 23 | PHOTOMETRY-LUMINARIES | Rear Fog Lamps | Color Coordinate x Measurement | AIS-010(PART-5)REV.1 |
| 24 | PHOTOMETRY-LUMINARIES | Rear Fog Lamps | Color Coordinate y Measurement | AIS-010(PART-5)REV.1 |
| 25 | PHOTOMETRY-LUMINARIES | Rear Fog Lamps | Light Intensity Distribution | AIS 012 (Part 2) REV.1 |
| 26 | PHOTOMETRY-LUMINARIES | Rear Fog Lamps | Light Intensity Distribution | ECE R -38,148 |
| 27 | PHOTOMETRY-LUMINARIES | Reflex Reflector | Coefficient of Luminous Intensity | AIS-057: REV 1 |
| 28 | PHOTOMETRY-LUMINARIES | Reflex Reflector | Coefficient of Luminous Intensity | ECE R-3,150 |
| 29 | PHOTOMETRY-LUMINARIES | Reverse Lamps | Color Coordinate y Measurement | AIS-010( PART(5): REV. 1 |
| 30 | PHOTOMETRY-LUMINARIES | Reverse Lamps | Color Coordinate y Measurement | AIS-010(PART 5) : REV .1 |
| 31 | PHOTOMETRY-LUMINARIES | Reverse Lamps | Light Intensity Distribution | AIS 010(PART 3) : REV 1 |
| 32 | PHOTOMETRY-LUMINARIES | Reverse Lamps | Light Intensity Distribution | AIS 012 (PART-7) : REV 1 |
| 33 | PHOTOMETRY-LUMINARIES | Reverse Lamps | Light Intensity Distribution | ECE R-23,148 |
| 34 | PHOTOMETRY-LUMINARIES | Reverse Lamps | Light Intensity Distributuion | ECE R -50,148 |
| 35 | PHOTOMETRY-LUMINARIES | Stop / Rear Position lamp | Color Coordinate x Measurement | AIS-010(PART-5) : REV.1 |
| 36 | PHOTOMETRY-LUMINARIES | Stop / Rear Position lamp | Color Coordinate y Measurement | AIS-010(PART-5) : REV.1 |

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| 37 | PHOTOMETRY-LUMINARIES | Stop / Rear Position lamp | Light Intensity Distribution | AIS 010 (PART 3) : REV 1 |
| 38 | PHOTOMETRY-LUMINARIES | Stop / Rear Position lamp | Light Intensity Distribution | AIS 012 (PART 6) : REV 1 |
| 39 | PHOTOMETRY-LUMINARIES | Stop / Rear Position lamp | Light Intensity Distribution | ECE R 50,148 |
| 40 | PHOTOMETRY-LUMINARIES | Stop / Rear Position lamp | Light Intensity Distribution | ECE R-7,148 |
| 41 | PHOTOMETRY-LUMINARIES | Warning Triangle | Coefficient of Luminous Intensity | AIS 022: REV 1 |
| 42 | PHOTOMETRY-LUMINARIES | Warning Triangle | Coefficient of Luminous Intensity | ECE R-27,150 |