

Schedule of Accreditation



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| Organisation Name | RPL Optics Ltd (trading as) Optical Appliance Testing Service |
| INAB Reg No | 345T |
| Contact Name | Rian Love |
| Address | Office 7, Telecommute Business Centre, Unit 8D Dunshaughlin Business Park Dunshaughlin, Meath |
| Contact Phone No | 0830021412 |
| Email | rploptics@gmail.com |
| Website | http:// |
| Accreditation Standard | ISO 17025 T |
| Date Initially Awarded | 07/12/2016 |
| Scope Classification | Optical |
| Services available to the public ¹ | Yes |

¹ Refer to document on interpreting INAB Scopes of Accreditation

| Sites from which accredited services are delivered | |
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| (the detail of the accredited services delivered at each site are on the Scope of Accreditation) | |
| Name | Address |
| 1 Head Office | Office 7, Telecommute Business Centre, Unit 8D Dunshaughlin Business Park, Dunshaughlin, Meath |

Scope of Accreditation

Head Office

Optics

| Optical parameter - Type of Test | Product tested | Property measured | Range of measurement | Std. Ref & SOP | | |
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| 401 Geometry of optical components and systems - .01 Functional/performance tests | NON PRESCRIPTION SUNGLASS AND FASHION EYEWEAR | INCREASED ENDURANCE | 0-20mm | AS/NZS 1067.1:2016 AS/NZS 1067.1:2016 Clause 7.4 | | |
| | | | 0-20mm | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 7.4 | | |
| | OPHTHALMIC SPECTACLE FRAMES | ENDURANCE | 0-20mm | BS EN ISO 12870:2014 CLAUSE 4.8.3 | | |
| | | LENS RETENTION | NO RANGE-INSPECTION | BS EN ISO 12870:2014 CLAUSE 4.8.2 | | |
| | READY TO WEAR SPECTACLES | ENDURANCE | 0-20mm | BS EN 14139:2010 CLAUSE 4.2 | | |
| 401 Geometry of optical components and systems - .02 Mechanical tests | NON PRESCRIPTION SUNGLASS AND FASHION EYEWEAR | BRIDGE DEFORMATION AND RETENTION OF FILTERS | 0-10mm | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 7.2 | | |
| | | | 0-10mm | AS/NZS 1067.1:2016 Clause 7.2 | | |
| | | FRAME DEFORMATION AND RETENTION OF LENSES | 0-10mm | ANSI Z80.3-2015 Clause 4.7 | | |
| | | | 0-10mm | ANSI Z80.3-2018 Clause 4.7 | | |
| | OPHTHALMIC SPECTACLE FRAMES | BRIDGE DEFORMATION | 0-10mm | BS EN ISO 12870:2014 CLAUSE 4.8.1 | | |
| | READY TO WEAR SPECTACLES | | 0-10mm | BS EN 14139:2010 CLAUSE 4.2 | | |
| 401 Geometry of optical components and systems - .03 Measurement tests | NON PRESCRIPTION SUNGLASS AND FASHION EYEWEAR | COVERAGE AREA | 0-100mm | AS/NZS 1067.1:2016 Clause 11.1 | | |
| | | | 0-100mm | BS EN ISO 12312-1 : | | |

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| | | | | 2013/Amd.1 2015 (E) Clause 11.1 | | |
| | | DIMENSIONAL TOLERANCE- SHAPE AND SIZE OF LENS AND SIDE LENGTH | 0-170mm | AS/NZS 1067:2003 Clause 2.2.15 | | |
| | | EYE COVERAGE ASSEMBLED SUNGLASSES | 0-100mm | AS/NZS 1067:2003 Clause 2.3.9 | | |
| | | EYE COVERAGE CHILDRENS SUNGLASSES | 0-100mm | AS/NZS 1067:2003 Clause 2.2.12 | | |
| | | EYE COVERAGE- CLIP ONS AND SLIP ONS | 0-100mm | AS/NZS 1067:2003 Clause 2.2.13 | | |
| | | EYE COVERAGE- FIELD OF VIEW | 0-100mm | AS/NZS 1067:2003 Clause 2.2.14 | | |
| | | TEMPORAL PROTECTIVE REQUIREMENTS | 0-30mm AND 0-50 DEGREES | AS/NZS 1067.1:2016 Clause 11.2 | | |
| | | | 0-30mm AND 0-50 DEGREES | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 11.2 | | |
| | OPHTHALMIC SPECTACLE FRAMES | DIMENSIONAL STABILITY- AT ELEVATED TEMPERATURE | 0-170mm | BS EN ISO 12870:2014 CLAUSE 4.6 | | |
| | | DIMENSIONAL TOLERANCE- SHAPE AND SIZE OF LENS AND SIDE LENGTH | 0-170mm | BS EN ISO 12870:2014 CLAUSE 4.4 | | |
| | | MEASUREMENT SYSTEM | 0-170mm | BS EN ISO 12870:2014 CLAUSE 4.3 | | |
| | READY TO WEAR SPECTACLES | DESIGN REFERENCE POINTS | 0-170mm | BS EN 14139:2010 CLAUSE 4.5.1 | | |
| | | DIMENSIONAL STABILITY- AT ELEVATED TEMPERATURE | 0-170mm | BS EN 14139:2010 CLAUSE 4.2 | | |
| | | DIMENSIONAL TOLERANCE- SHAPE AND SIZE OF LENS AND SIDE LENGTH | 0-170mm | BS EN 14139:2010 CLAUSE 4.2 | | |
| | | MEASUREMENT SYSTEM | 0-170mm | BS EN 14139:2010 CLAUSE 4.2 | | |
| | | PRISMATIC POWER TOLERANCES | 0-5.00D | BS EN 14139:2010 CLAUSE 4.5.2 | | |
| 402 Optical quality - .01 Functional/performance tests | NON PRESCRIPTION SUNGLASS AND FASHION EYEWEAR | AXIS OF POLARISATION | $\pm 0^\circ - \pm 10^\circ$ | ANSI Z80.3- 2018 Clause 4.13 | | |
| | | | $\pm 0^\circ - \pm 10^\circ$ | ANSI Z80.3- 2015 Clause 4.13 | | |
| | | CONSTRUCTION | NO RANGE- INSPECTION | AS/NZS 1067.1:2016 Clause 4.1 | | |

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| | | CONSTRUCTION AND MATERIALS | NO RANGE-INSPECTION | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 4.1 | | |
| | | COSMETIC QUALITY OF LENSES | NO RANGE-INSPECTION | ANSI Z80.3-2015 Clause 4.8 | | |
| | | | NO RANGE-INSPECTION | ANSI Z80.3-2018 Clause 4.8 | | |
| | | FILTER MATERIAL AND SURFACE QUALITY | NO RANGE-INSPECTION | AS/NZS 1067.1:2016 Clause 4.2 | | |
| | | | NO RANGE-INSPECTION | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 4.2 | | |
| | | FRAME FINISH | NO RANGE-INSPECTION | ANSI Z80.3-2015 Clause 4.4 | | |
| | | | NO RANGE-INSPECTION | ANSI Z80.3-2018 Clause 4.4 | | |
| | | GENERAL CONSTRUCTION | NO RANGE-INSPECTION | AS/NZS 1067:2003 Clause 2.3.8 | | |
| | | MATERIAL AND SURFACE QUALITY | NO RANGE-INSPECTION | AS/NZS 1067:2003 Clause 2.3.7 | | |
| | | PLANE OF POLARISATION | $\pm 0^\circ - \pm 10^\circ$ | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.3.4.2 | | |
| | | POLARIZING LENSES | $\pm 0^\circ - \pm 10^\circ$ | AS/NZS 1067:2003 Clause 2.3.2 | | |
| | | UNIFORMITY OF COLOUR FOR PAIRS OF SUNGLASSES OF ALL TYPES | NO RANGE-INSPECTION | AS/NZS 1067:2003 Clause 2.2.3 | | |
| | OPHTHALMIC SPECTACLE FRAMES | CONSTRUCTION | NO RANGE-INSPECTION | BS EN ISO 12870:2014 CLAUSE 4.2.1 | | |
| | READY TO WEAR SPECTACLES | | NO RANGE-INSPECTION | BS EN 14139:2010 CLAUSE 4.2 | | |
| | | | LENS RETENTION | NO RANGE-INSPECTION | BS EN 14139:2010 CLAUSE 4.2 | |
| 402 Optical quality - .02 Mechanical tests | NON PRESCRIPTION SUNGLASS AND FASHION EYEWEAR | IMPACT RESISTANCE | NO RANGE-INSPECTION | ANSI Z80.3-2015 Clause 4.2 | | |
| | | | NO RANGE-INSPECTION | ANSI Z80.3-2018 Clause 4.2 | | |
| | | IMPACT RESISTANCE LEVEL 1 | NO RANGE-INSPECTION | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 7.3 | | |
| | | IMPACT RESISTANCE LEVEL 2 | NO RANGE-INSPECTION | BS EN ISO 12312-1 : | | |

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| | | | 2013/Amd.1 2015 (E) Clause 7.6 | | | |
| | ROBUSTNESS AND FILTER RETENTION | NO RANGE- INSPECTION | AS/NZS 1067.1:2016 Clause 7.3 | | | |
| | ROBUSTNESS- GENERAL | SEE 7.2, 7.3, 7.4 | AS/NZS 1067.1:2016 Clause 7.1 | | | |
| | ROBUSTNESS- MINIMUM | 0-25mm | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 7.1 | | | |
| | SECURITY OF LENSES IN FRAME | NO RANGE- INSPECTION | AS/NZS 1067:2003 Clause 3.4.1 | | | |
| 402 Optical quality - .03 Measurement tests | ASTIGMATIC POWER | ±0.001D - ±0.25D | ANSI Z80.3- 2015 Clause 4.9.2 | | | |
| | | ±0.001D - ±0.25D | ANSI Z80.3- 2018 Clause 4.9.2 | | | |
| | PRISMATIC POWER | PRISM IMBALANCE 0.50Δ IN ALL GIVEN DIRECTIONS | AS/NZS 1067:2003 Clause 2.5.3 | | | |
| | PRISMATIC POWER DIFFERENCE | PRISM IMBALANCE 0.50Δ IN ALL GIVEN DIRECTIONS | AS/NZS 1067:2003 Clause 2.5.4 | | | |
| | PRISMATIC POWER IMBALANCE | PRISM IMBALANCE 0.50Δ IN ALL GIVEN DIRECTIONS | ANSI Z80.3- 2015 Clause 4.9.3 | | | |
| | | | ANSI Z80.3- 2018 Clause 4.9.3 | | | |
| | REFRACTIVE POWER | PRISM IMBALANCE 0.50Δ IN ALL GIVEN DIRECTIONS | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 6.3 | | | |
| | REFRACTIVE POWER | | ±0.001D - ±0.25D | ANSI Z80.3- 2015 Clause 4.9.1 | | |
| | | | ±0.001D - ±0.25D | ANSI Z80.3- 2018 Clause 4.9.1 | | |
| | REFRACTIVE POWER- PRISM IMBALANCE (RELATIVE PRISM ERROR) | PRISM IMBALANCE 0.50Δ IN ALL GIVEN DIRECTIONS | AS/NZS 1067.1:2016 Clause 6.3 | | | |
| | REFRACTIVE POWER- SHPERICAL AND ASTIGMATIC POWER | ±0.001 - ± 0.25 DIOPTRES | AS/NZS 1067.1:2016 Clause 6 .1 | | | |

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| | | | ±0.001 - ± 0.25 DIOPTRES | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 6 .1 | | | |
| | | SPHERICAL AND CYLINDRAL POWER | ±0.001D - ±0.25D | AS/NZS 1067:2003 Clause 2.5.1 | | | |
| | READY TO WEAR SPECTACLES | OPTICAL POWER RANGE | ±0.00-±20.00 DIOPTRES | BS EN 14139:2010 CLAUSE 4.3 | | | |
| | | OPTICAL POWER TOLERANCES | ±0.00-±20.00 DIOPTRES | BS EN 14139:2010 CLAUSE 4.4 | | | |
| 402 Optical quality - .99 Other | NON PRESCRIPTION SUNGLASS AND FASHION EYEWEAR | COUNTRY OF ORIGIN | NO RANGE- INSPECTION | ANSI Z80.3- 2015 Clause 6 | | | |
| | | | NO RANGE- INSPECTION | ANSI Z80.3- 2018 Clause 6 | | | |
| | | IDENIFICATION OF STANDARD | NO RANGE- INSPECTION | ANSI Z80.3- 2015 Clause 7 | | | |
| | | | NO RANGE- INSPECTION | ANSI Z80.3- 2018 Clause 7 | | | |
| | | INFORMATION AND LABELLING | NO RANGE- INSPECTION | AS/NZS 1067.1:2016 Clause 12 | | | |
| | | | NO RANGE- INSPECTION | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 12 | | | |
| | | INFORMATION TO BE SUPPLIED | NO RANGE- INSPECTION | AS/NZS 1067:2003 Clause 2.2.17 | | | |
| | | METHODS OF MARKING AND LABELLING | NO RANGE- INSPECTION | AS/NZS 1067:2003 Clause 2.2.18 | | | |
| | | POLARISING LENSES | NO RANGE- INSPECTION | ANSI Z80.3- 2015 Clause 4.11.1 | | | |
| | | | NO RANGE- INSPECTION | ANSI Z80.3- 2018 Clause 4.11.1 | | | |
| | | QUALIFICATION OF LENS TYPES | NO RANGE- INSPECTION | ANSI Z80.3- 2015 Clause 4.11 | | | |
| | | | NO RANGE- INSPECTION | ANSI Z80.3- 2018 Clause 4.11 | | | |
| | | READY TO WEAR SPECTACLES | MARKINGS ON THE SPECTACLES,INDICATION ON PACKAGING, INSTRUCTIONS FOR USE | NO RANGE- INSPECTION | BS EN 14139:2010 CLAUSE 5 | | |
| | | 409 Spectrophotometry - .01 Functional/performance tests | NON PRESCRIPTION SUNGLASS AND FASHION EYEWEAR | COLOR LIMITS | 0-100% | ANSI Z80.3- 2015 Clause 4.10.2.1 | |
| 0-100% | ANSI Z80.3- | | | | | | |

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| | | 2018 Clause 4.10.2.1 | | |
| DETECTION OF SIGNAL LIGHTS | 0-100% | AS/NZS 1067.1:2016 Clause 5.3.2.3 | | |
| DRIVING IN TWILIGHT OR AT NIGHT | 0-100% | AS/NZS 1067.1:2016 Clause 5.3.2.4 | | |
| GRADIENT FILTERS- GENERAL | 0-100% | AS/NZS 1067.1:2016 Clause 5.3.4.3.1 | | |
| GRADIENT FILTERS- DETERMINATION OF FILTER CATEGORY | 0-100% | AS/NZS 1067.1:2016 Clause 5.3.4.3.2 | | |
| GRADIENT LENSES | 0-100% | AS/NZS 1067:2003 Clause 2.3.3 | | |
| GRADIENT TINT LENS | 0-100% | ANSI Z80.3- 2018 Clause 4.11.3 | | |
| | 0-100% | ANSI Z80.3- 2015 Clause 4.11.3 | | |
| LENS CATEGORIES | 0-100% | AS/NZS 1067:2003 Clause 2.1.1 | | |
| LUMINOUS TRANSMITTANCE | 0-100% | ANSI Z80.3- 2015 Clause 4.10.1 | | |
| | 0-100% | ANSI Z80.3- 2018 Clause 4.10.1 | | |
| POLARISING FILTERS- PLANE OF POLARISATION AND EFFICIENCY | $\pm 0^\circ$ - $\pm 10^\circ$ AND 0- 100% | AS/NZS 1067.1:2016 Clause 5.3.4.2 | | |
| ROAD USE AND DRIVING- GENERAL | 0-100% | AS/NZS 1067.1:2016 Clause 5.3.2.1 | | |
| ROAD USE AND DRIVING- GENERAL- SPECTRAL TRANSMITTANCE | 0-100% | AS/NZS 1067.1:2016) Clause 5.3.2.2 | | |
| | 0-100% | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.3.2.1a | | |
| SPECTRAL TRANSMITTANCE | 0-100% | ANSI Z80.3- 2015 Clause 4.10.2.3 | | |
| | 0-100% | ANSI Z80.3- 2018 Clause 4.10.2.3 | | |
| TINT IMBALANCE BETWEEN LENS | 0-100% | ANSI Z80.3- 2015 Clause 4.12 | | |
| | 0-100% | ANSI Z80.3- 2018 Clause 4.12 | | |
| TRAFFIC SIGNAL TRANSMITTANCE | 0-100% | ANSI Z80.3- 2015 Clause | | |

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| | | 4.10.2.2 | | |
| | 0-100% | ANSI Z80.3-2018 Clause 4.10.2.2 | | |
| TRANSMITTANCE AND FILTER CATEGORIES | 0-100% | AS/NZS 1067.1:2016 Clause 5.2 | | |
| | 0-100% | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.2 | | |
| TRANSMITTANCE MATCHING FOR PAIRS OF SUNGLASSES OF ALL TYPES | 0-100% | AS/NZS 1067:2003 Clause 2.2.2 | | |
| TRANSMITTANCE PROPERTIES RELATED TO TRAFFIC SIGNAL LIGHT RECOGNITION | 0-100% | ANSI Z80.3-2015 Clause 4.10.2 | | |
| | 0-100% | ANSI Z80.3-2018 Clause 4.10.2 | | |
| TRANSMITTANCE REQUIREMENTS | 0-100% | AS/NZS 1067:2003 Clause 2.1.2 | | |
| TYPE 1 POLARISING LENS | 0-100% | ANSI Z80.3-2015 Clause 4.11.1.1 | | |
| | 0-100% | ANSI Z80.3-2018 Clause 4.11.1.1 | | |
| TYPE 2 POLARISING LENS | 0-100% | ANSI Z80.3-2015 Clause 4.11.3 | | |
| | 0-100% | ANSI Z80.3-2018 Clause 4.11.1.2 | | |
| ULTRA VIOLET MEAN TRANSMITTANCE | 0-100% | ANSI Z80.3-2015 Clause 4.10.3 | | |
| | 0-100% | ANSI Z80.3-2018 Clause 4.10.3 | | |
| UNIFORM TINT LENS | 0-100% | ANSI Z80.3-2015 Clause 4.11.4 | | |
| | 0-100% | ANSI Z80.3-2018 Clause 4.11.4 | | |
| UNIFORMITY OF LUMINOUS TRANSMITTANCE | 0-100% | AS/NZS 1067.1:2016 Clause 5.3.1 | | |
| | 0-100% | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.3.1 | | |
| UNIFORMITY OF LUMINOUS TRANSMITTANCE OF UNIFORMLY TINTED SUNGLASS LENSES | 0-100% | AS/NZS 1067:2003 Clause 2.2.1 | | |

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| | UV ABORPTION/TRANSMITTANCE | 0-100% | AS/NZS 1067.1:2016 Clause 5.3.5.2 | | |
| | WIDE ANGLE SCATTERING | 0-100% | AS/NZS 1067.1:2016 Clause 5.3.3 | | |
| 409 Spectrophotometry - .99 Other | UV ABORPTION/TRANSMITTANCE | 0-100% | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.3.5.2 | | |
| 410 Special Transmittance - .01 Functional/performance tests | DRIVING IN TWILIGHT OR AT NIGHT | 0-100% | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.3.2.2 | | |
| | GRADIENT FILTERS | 0-100% | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.3.4.3 | | |
| | POLARISING EFFICIENCY | 0-100% | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.3.4.2 | | |
| | ROAD USE AND DRIVING- GENERAL- DETECTION OF SIGNAL LIGHTS | 0-100% | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.3.2.1B | | |
| | WIDE ANGLE SCATTERING | 0-100% | BS EN ISO 12312-1 : 2013/Amd.1 2015 (E) Clause 5.3.3 | | |