

Schedule of Accreditation



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| Organisation Name | Connaught Electronics Limited |
| Trading As | Valeo Vision Systems |
| INAB Reg No | 381T |
| Contact Name | Paul Patrick Doyle |
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| Website | |
| Accreditation Standard | EN ISO/IEC 17025 T |
| Standard Version | 2017 |
| Date of award of accreditation | 11/09/2019 |
| Scope Classification | Electrical testing |
| Services available to the public ¹ | No |

¹ Refer to document on interpreting INAB Scopes of Accreditation

| Sites from which accredited services are delivered | | |
|--|---|---|
| (the detail of the accredited services delivered at each site are on the Scope of Accreditation) | | |
| | Name | Address |
| 1 | Connaught Electronics trading as Valeo Vision Systems | Industrial Development Agency Business Park, Dunmore Road, Galway |

Scope of Accreditation

Connaught Electronics trading as Valeo Vision Systems

Electrical Testing

Category: A

| Electrical testing field - Type of test | Test description | Equipment tested | Measurement units (e.g. Amp, V, Hz) | Range of measurement | Std. ref & SOP |
|--|---|---|-------------------------------------|----------------------|---|
| 301 Electromagnetic compatibility - .01 Emission testing | Conducted Emission (with probe) Measure on the EUT harness at 5 or 75 cm with a current probe connected to a receiver or spectrum analyzer | Electric and electronic sub-assembly for vehicles | Disturbance current (dB μ A) | 150kHz - 245MHz | AL_EMC-meth-CE-012 CISPR 25 CISPR 16-1-1 CISPR 16-1-2 |
| | Conducted Emission. Conducted voltage measurement on power supply lines on LISN with a receiver or spectrum analyzer | | Disturbance voltage (dB μ V) | 150kHz - 108MHz | AL_EMC-meth-CE-010 CISPR 25 CISPR 16-1-1 |
| | Radiated Emission E field. Direct measurement at 1m with an antenna connected to a receiver or spectrum analyzer | | Electric field (dB μ V/m) | 150kHz - 5.925GHz | AL_EMC-meth-RE-010 CISPR 25 CISPR 16-1-1 SAE ARP 958-1 |
| 301 Electromagnetic compatibility - .02 Immunity testing | Conducted Immunity (BCI). Conducted disturbance injection by radio-electric field on the EUT harness | | | 100kHz - 400MHz | AL_EMC-meth-CI-014 ISO 11452-1 ISO 11452-4 |

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|--|---|--|--|---------------|--|
| | <p>Immunity to electrostatic discharge.</p> <p>Apply in the air and in contact electrostatic discharges on the equipment under test with an ESD gun</p> | | | 2kV - 25kV | AL_EMC-meth-ESD-010 ISO10605 |
| | <p>Radiated Immunity Electromagnetic field.</p> <p>Equipment under test disturbed by a electromagnetic field</p> | | | 200MHz - 6GHz | AL_EMC-meth-RI-014 ISO 11452-1 ISO 11452-2 |
| | <p>Radiated Immunity Handy transceiver.</p> <p>Equipment under test disturbed by an electromagnetic field</p> | | | 26MHz - 6GHz | AL_EMC-meth-RI-015 ISO 11452-1 ISO 11542-9 |