

Schedule of Accreditation



Organisation Name Maha Ireland Ltd
Trading As
INAB Reg No 287C
Contact Name Eoin Mallon
Address 629 Jordanstown Avenue, Greenogue Business Park, Rathcoole, Dublin, D24 DV50
Contact Phone No 00353 1 4587548
Email eoin.mallon@mahaireland.ie
Website <http://www.mahaireland.ie>
Accreditation Standard ISO 17025 C
Date Initially Awarded 31/05/2011
Scope Classification Metrology
Services available to the public¹ Yes

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 Head Office	629 Jordanstown Avenue, Greenogue Business Park, Rathcoole, Dublin

Scope of Accreditation

Head Office

Metrology

Category: B

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Calibration and measurement capability (CMC)	Std. ref/SOP
101 Mass - .99 Other	Suspension tester - weight of vehicle axle at	1200 kg	15 kg	In-house documented method MICP 06
		400 kg	8.5 kg	In-house documented method MICP 06
		800 kg	13 kg	In-house documented method MICP 06
102 Length/Distance/Angle/Area - .99 Other	Headlight tester laser beam	+3.5 % on X axis & 0 on Y axis	0.25 %	In-house documented method MICP 01
		0 on X axis & 0 on Y axis	0.25 %	In-house documented method MICP 01
		0 on X axis & -3.5 % on Y axis	0.25 %	In-house documented method MICP 01
	Side slip tester - horizontal displacements across five points including zero	0 mm to +21 mm	0.22 mm	In-house documented method MICP 05
		0 mm to -21 mm	0.22 mm	In-house documented method MICP 05
	Suspension tester - static displacement across four vertical points, including zero	0 mm to 30 mm	0.31 mm	In-house documented method MICP 06
115 Force - .99 Other	Roller brake tester (0 to 12.5 kN)	0.5 kN to 1.5 kN	0.080 kN	In-house documented method MICP 02
		1.5 kN to 2.5 kN	0.080 kN	In-house documented method MICP 02
		10.5 kN to 12.5 kN	0.16 kN	In-house documented method MICP 02
		2.5 kN to 3.5 kN	0.080 kN	In-house documented method MICP 02
		3.5 kN to 4.5 kN	0.090 kN	In-house documented method MICP 02
		4.5 kN to 5.5 kN	0.10 kN	In-house documented method MICP 02
		5.5 kN to 6.5 kN	0.10 kN	In-house documented method MICP 02

		6.5 kN to 7.5 kN	0.10 kN	In-house documented method MICP 02
		7.5 kN to 8.5 kN	0.12 kN	In-house documented method MICP 02
		8.5 kN to 10.5 kN	0.14 kN	In-house documented method MICP 02
	Roller brake tester (0 to 40.5 kN)	0.5 kN to 1.5 kN	0.19 kN	In-house documented method MICP 02
		1.5 kN to 3.5 kN	0.19 kN	In-house documented method MICP 02
		11.5 kN to 20.5 kN	0.37 kN	In-house documented method MICP 02
		20.5 kN to 30.5 kN	0.49 kN	In-house documented method MICP 02
		3.5 kN to 7.5 kN	0.21 kN	In-house documented method MICP 02
		30.5 kN to 40.5 kN	0.63 kN	In-house documented method MICP 02
122 Emissions - .01 Gas analysers	Emissions tester for petrol power motor vehicles - CO (Carbon Monoxide)	0.43 Vol % to 4.0 Vol %	2.1%	In-house documented method MICP 04-02
	Emissions tester for petrol power motor vehicles - CO ₂ (Carbon Dioxide)	5.6 Vol % to 15.5 Vol %	1.3%	In-house documented method MICP 04-02
	Emissions tester for petrol power motor vehicles - Propane HC (Hydrocarbons)	182 ppm Vol % to 2150 ppm Vol %	1.2%	In-house documented method MICP 04-02
122 Emissions - .99 Other	Emissions tester for diesel power motor vehicles - Light Absorption Coefficient Units (K values)	0 m ⁻¹ to 3.5 m ⁻¹	0.070 m ⁻¹	In-house documented method MICP 03

Please note the Calibration Measurement Capability (CMC) is expressed in terms of the following parameters:

- Measurand or reference material
- Calibration or measurement method
- Measurement range
- Measurement uncertainty

* Notes:

1. In accordance with INAB policy, uncertainties are calculated for an estimated confidence level of not less than 95%.
2. CMC's expressed as an uncertainty (\pm) to be reported in compliance with EA-4/02, "Expression of the Uncertainty of Measurement in Calibration".