Schedule of Accreditation

Organisation Name	Maha Ireland Ltd
Trading As	
INAB Reg No	287C
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Website	http://www.mahaireland.ie
Accreditation Standard	EN ISO/IEC 17025 C
Standard Version	2017
Date of award of accreditation	31/05/2011
Scope Classification	Metrology
Services available to the public[1]	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	Expanded Measurement Uncertainty	Std. ref/SOP	Products	Remarks
101 Mass - .99 Other	Suspension tester - weight of vehicle axle at	1200 kg	15 kg	In-house documented method MICP 06		
		400 kg	9 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	0.24 %	In-house documented method MICP 01		
		0 on X axis & 0 on Y axis	0.24 %	In-house documented method MICP 01		
		0 on X axis & -3.5 % on Y axis	0.24 %	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	0.12 kN	In-house documented method MICP 02		
		1.5 kN to 2.5 kN	0.12 kN	In-house documented method MICP 02		
		10.5 kN to 12.5 kN	0.19 kN	In-house documented method MICP 02		
		2.5 kN to 3.5 kN	0.13 kN	In-house documented method MICP 02		
		3.5 kN to 4.5 kN	0.13kN	In-house documented method MICP 02		
		4.5 kN to 5.5 kN	0.14 kN	In-house documented method MICP 02		
		5.5 kN to 6.5 kN	0.14 kN	In-house documented method MICP 02		
		6.5 kN to 7.5 kN	0.14 kN	In-house documented method MICP 02		
		7.5 kN to 8.5 kN	0.16 kN	In-house documented method MICP 02		

		8.5 kN to 10.5 kN	0.17 kN	In-house documented method MICP 02		
	Roller brake tester (0 to 40.5 kN)	0.5 kN to 1.5 kN	0.20 kN	In-house documented method MICP 02		
		1.5 kN to 3.5 kN	0.20 kN	In-house documented method MICP 02		
		11.5 kN to 20.5 kN	0.38 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	0.22 kN	In-house documented method MICP 02		
		30.5 kN to 40.5 kN	0.63 kN	In-house documented method MICP 02		
		7.5 kN to 11.5 kN	0.24 kN	In-house documented method MICP 02		
122 Emissions - .01 Gas analysers	Emissions tester for petrol power motor vehicles - CO (Carbon Monooxide)	0.43 Vol % to 4.0 Vol %	1.4%	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 %	1.6%	In-house documented method MICP 04-02		
	Emissions tester for petrol power motor vehicles - Propane HC (Hydrocarbons)	180 parts per 10^6 to 2500 parts per 10^6	3.6%	In-house documented method MICP 04-02		
122 Emissions - .99 Other	Emissions tester for diesel power motor vehicles - Light	0 m^{-1} to 3.8 m^{-1}	0.070 m^{-1}	In-house documented method MICP 03		

	Absorption Coefficient Units (K values)					

Calibration and Measurement Capability (CMC) is expressed in terms of the following parameters:
- *Measurand or reference material*
- *Calibration or measurement method or procedure and type of instrument or material calibrated/measured*
- *Measurement range and additional parameters where applicable*
- *Measurement uncertainty.*

Measurement uncertainty shall be reported in compliance with EA 4/02 "Evaluation of the Uncertainty of Measurement in Calibration".
In accordance with INAB policy, uncertainties are calculated for an estimated confidence level of not less than 95%.