

Accreditation Certificate

Maha Ireland Ltd

629 Jordanstown Avenue, Greenogue Business Park, Rathcoole, Dublin, D24
DV50

Calibration Laboratory

Registration number: **287C**

is accredited by the Irish National Accreditation Board (INAB) to undertake
calibration as detailed in the scope bearing the registration number detailed
above, in conformity with ISO/IEC 17025:2017


*“General requirements for the competence of testing and calibration laboratories”
(This certificate must be read in conjunction with the publicly available scope of
accreditation)*

Date of award of accreditation: 31/05/2011

Date of last renewal of accreditation: 13/08/2020

Expiry date of this certificate of accreditation: 13/08/2025

This accreditation shall remain in force until further notice subject to continuing conformity
with the above standard, applicable EA/ILAC requirements and any further requirements
specified by the Irish National Accreditation Board.

Manager: 
Dr Adrienne Duff

Chairperson: : 
Ms Ita Kinahan

Organisations are subject to annual surveillance and are re-assessed every five years. The renewal date on this
certificate confirms the latest date of renewal of accreditation. To confirm the validity of this certificate, please
contact the Irish National Accreditation Board.

INAB is a signatory of the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and the
International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement for Calibration.

Schedule of Accreditation



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

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	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	0.25 %	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	0 mm to +21 mm	0.22 mm	In-house documented method MICP 05		

115 Force - .99 Other	across five points including zero	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			
		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			

122 Emissions - .01 Gas analysers	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		
		7.5 kN to 11.5 kN	0.27 kN	In-house documented method MICP 02		
		0.43 Vol % to 4.0 Vol %	2.1%	In-house documented method MICP 04-02		
		5.6 Vol % to 15.5 Vol %	1.3%	In-house documented method MICP 04-02		
		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		

Calibration 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 "Expression 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%.

