National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

DYNAMATIC METROLOGY LABORATORY

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

DYNAMATIC MANUFACTURING LIMITED,V-77 & V-78 PEENYA INDUSTRIAL ESTATE, PEENYA 2ND STAGE, NELAKADARANAHALLI, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

in the field of

CALIBRATION

Certificate Number: CC-3853

Issue Date: 06/03/2024 **Valid Until:** 05/03/2026

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: DYNAMATIC MANUFACTURING LIMITED

Signed for and on behalf of NABL

N. Venkateswaran
Chief Executive Officer

National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)

C-1977 21.03.2024

MR NAVEEN KUMAR
DYNAMATIC METROLOGY LABORATORY
DYNAMATIC MANUFACTURING
LIMITED,V-77 & V-78 PEENYA INDUSTRIAL
ESTATE,PEENYA 2ND
STAGE,NELAKADARANAHALLI
BENGALURU,KARNATAKA-560058
Mobile: 9095063747
E-mail: NAVEENKUMAR@DYNAMATICS.NET

Subject: **Grant of permission to use NABL Accredited CAB Combined ILAC MRA Mark**

Dear Sir,

The permission to use NABL Accredited CAB Combined ILAC MRA Mark is being granted to your laboratory as per following details.

CAB ID - C-1977
CAB Name - DYNAMATIC METROLOGY LABORATORY
Certificate No. - CC-3853
Accreditation Validity - 05/03/2026
Permission Valid Till - 05/03/2026

Please note that the permission to use NABL Accredited CAB Combined ILAC MRA Mark on reports / certificates will expire on**05/03/2026.**

You have to stop the use of NABL Accredited CAB Combined ILAC MRA Mark on reports/ certificates after **05/03/2026** and have to again obtain the permission to continue the use of NABL Accredited CAB Combined ILAC MRA Mark on reports/ certificates beyond **05/03/2026.**

Note:
1.Use of NABL Accredited CAB Combined ILAC MRA Mark without written permission from NABL is strictly prohibited. If found so, strict adverse action will be initiated against the laboratory by NABL.

2.NABL Accredited CAB Combined ILAC MRA Mark shall be used only on reports/ certificates.NABL Accredited CAB Combined ILAC MRA Mark cannot be used on letter heads/ promotional brochures / website etc.For more details please refer latest NABL 133 document.

Yours Sincerely,
Ranjith Kumar D
ranjith@nabl.qcin.org

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	DYNAMATIC METROLOGY LABORATORY, DYNAMATIC MANUFACTURING LIMITED,V-77 & V-78 PEENYA INDUSTRIAL ESTATE, PEENYA 2ND STAGE, NELAKADARANAHALLI, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-3853
Validity	06/03/2024 to 05/03/2026

Last Amended on -

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor LC: 5'	Using Profile Projector by comparison method	0 to 90 (4 quater) °	4.8 arc min
2	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge (Transmission Error)LC: 0.001mm	Using Dial Calibration Tester by comparison method	0 to 1 mm	4.12 µm
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Pins	Using Electronic probe with comparator & Gauge Blocks by comparison method	0.5 mm to 20 mm	2.76 µm
4	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Caliper Gauge(Internal/External) LC: 0.005mm	Using Gauge Blocks by Comparison Method.	0 to 15 mm	2.5 µm

SCOPE OF ACCREDITATION

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Validity 06/03/2024 to 05/03/2026 **Last Amended on** -

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5	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Caliper Gauge(Internal/External) LC: 0.01mm	Using Gauge Blocks by Comparison Method	0 to 30 mm	5.0 µm
6	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Caliper Gauge(Internal/External) LC: 0.05mm	Using Gauge Blocks by Comparison Method	0 to 50 mm	25.0 µm
7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digital Dial Gauge with LC: 0.1µm by comparison method	0.02 mm to 1 mm	2.0 µm
8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial Gauge LC:0.001mm	Using Dial Calibration Tester by comparison method	0 to 0.14 mm	2.0 µm
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial Gauge LC:0.002mm	Using Dial Calibration Tester by comparison method	0 to 0.2 mm	2.0 µm

SCOPE OF ACCREDITATION

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10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial Gauge LC:0.01mm	Using Dial Calibration Tester by comparison method	0 to 1 mm	5.9 µm
11	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer(Analog) LC:0.01mm	Using Gauge Blocks & Optical Flat by comparison method	0 to 175 mm	6.0 µm
12	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer(Digital) LC:0.001mm	Using Gauge Blocks & Optical Flat by comparison method	0 to 125 mm	2.93 µm
13	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Electronic Probe with Comparator & Gauge Blocks by comparison method	1 to 50 mm	2.6 µm
14	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Electronic Probe with Comparator & Gauge Blocks by comparison method	50 mm to 100 mm	3.94 µm

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15	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge (Analog/Digital) LC: 0.001mm	Using Dial Calibration Tester by comparison method	0 to 25 mm	2.0 µm
16	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Radius Gauge	Using Profile Projector by comparison method	1 mm to 25 mm	7.26 µm
17	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Setting Rod	Using Electronic Probe with Comparator & Gauge Blocks by comparison method	25 mm to 150 mm	6.4 µm
18	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Analog/Digital/Dial) LC:0.01mm	Using Caliper Checker & Gauge Blocks by comparison method	0 to 600 mm	14.42 µm
19	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Analog/Digital/Dial) LC:0.01mm	Using Caliper Checker & Gauge Blocks by comparison method	0 mm to 300 mm	9.86 µm

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Validity 06/03/2024 to 05/03/2026 **Last Amended on** -

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20	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Depth Gauge (Analog/Digital) LC:0.01mm	Using Gauge Blocks. by comparison method	0 to 200 mm	9.23 µm
21	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Height Gauge (Digital) LC:0.01mm	Using Gauge Blocks & Caliper Checker by comparison method	0 to 600 mm	9.8 µm
22	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure-Pressure Gauge	Using Pressure Calibrator and pneumatic comparator based upon DKD-R-6-1	0 to 20 bar	0.15 bar

SCOPE OF ACCREDITATION

Laboratory Name : DYNAMATIC METROLOGY LABORATORY, DYNAMATIC MANUFACTURING LIMITED,V-77 & V-78 PEENYA INDUSTRIAL ESTATE, PEENYA 2ND STAGE, NELAKADARANAHALLI, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

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Site Facility					
1	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure-Pressure Gauge	Using Pressure Calibrator and pneumatic comparator based upon DKD-R-6-1	0 to 20 bar	0.15 bar

*** CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k = 2.**