



Quality Solutions (India)



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CALIBRATION CERTIFICATE

CUSTOMER : M/S NATIONAL CENTRE FOR QUALITY CALIBRATION
4, ABHISHREE CORPORATE PARK, Nr. SWAGAT BUNGLOW BRTS,
ISKCON- AMBLI ROAD, AMBLI, AHMEDABAD-380 058

Date of Performance	: 20/09/2021	Certificate No.	: QSI/2585/21/09
Date of Issue	: 21/09/2021	Service Request Date	: 18/09/2021
Service Request No.	: QSI/2585/21/09	Total Page	: 1
Page	: 1	Environment Temperature	: (20 ± 1)°C
Unit Under Calibration	: OPTICAL FLAT	Relative Humidity(%RH)	: (50 ± 10) %
Calibration Procedure	: QMP-25(WI-23M)	Location of calibration	: At Lab
Visual Inspection	: OK		

DETAILS OF UNIT UNDER CALIBRATION

Make	Model	Specification	Sr. No.	ID No.
MITUTOYO	158-118	Diameter : 45 mm Thickness : 12 mm Flatness : 0.1 µm	003728	NCQC/M-171

DETAILS OF STANDARD EQUIPMENTS USED FOR CALIBRATION

Name	Make	Sr. No./ID No.	Certificate No.	Validity	Calibrated By
Optical flat	MICRON	100915	MetR1/20197-34	18/11/2021	NABL LAB CC-2006 (CMERI)

Results of measurement :

SR. NO.	MEASURED PARAMETER	OBSERVED FLATNESS In µm
1	FLATNESS ON MEASURING FACE A Top	0.0441
2	FLATNESS ON MEASURING FACE B Bottom	0.0664

Format no : F01(QMP-21)-7.8 , Issue no/ Date : 01/01/11/2019 , Revision no/ Date : 00 / 01/11/2019

ULR NO. CC271721000002576F

Traceability of Standard(s) : The Standard Used for calibration is traceable to National Standards

Uncertainty of Measurement (At approximately 95% Confidence Level, k=2) : ± 0.11 µm

Remark : Ref. Standard IS-5440-2020

Suggested Due Date : 19/09/2023

Calibrated By
Shri Ram Dhiman
(Technical Executive)

Issued By
Ajay Kumar Singh
(Technical Manager)

NCQC System Certificate No 351

NCQC
Valid up to 19/09/2023
Reviewed

NATIONAL AWARD WINNER

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