Electrosteel Castings Limited Laboratory

30 B. T. RAD, KOLKATA-700115, Ph. No. 033 7101 4434

CALIBRATION CERTIFICATE

Certificate No : Electrosteel/241217/145/1	Certificate Date : 17/12/2024	Page Number : 01/01

Name of Customer / User	DFS Finishing KW	**Address**	49, B. T. Road, Khardah
Equipment Name	Paint coating thk. gauge	**Equipment ID**	E-Paint-03.
Allowable Accuracy	± ±1 %	**Make / Model**	Elcometer / Elcometer456
Frequency of Calibration	3 Months	**Date of Calibration**	17/12/2024
Next calibration due on	16/03/2025		

DETAILS OF UNIT UNDER CALIBRATION (UUC)

Condition as received	Satisfactory	**Range of Calibration**	2000 µm
Standard/Work Instruction Followed	WT-02-15/15	**Tempareture(Room)**	21 °C
Calibration location	In House	**R.H.(Room)**	49 %RH

DETAILS OF STANDARD USED FOR CALIBRATION

Instrument Name	Id/Sr. No.	Certificate No.	Tracebility	Calibration Due Date
Standard Thickness Foils	THK-02	YEA(C)/240315/E247/001	YEA(C)	16/03/2025

DISCIPLINE : Mechanical (Measuring Equipment)

Calibration Results

Reading of Master Equipment	Reading of Measuring Equipment (Avg. of 5)	Error %	Expanded Uncertainty (±)
µm	µm	%	µm
52.2	52.40	0.38	2.73
135.3	135.80	0.37	2.49
250.6	251.40	0.32	2.42
495.5	493.80	-0.34	2.49
1062.4	1059.20	-0.30	2.57

Remarks :
The results comply with acceptance criteria
Expanded uncertainty for K=2 at 95% confidence level.

Calibrated By	Reviewed & Approved By

This certificate is electronically signed and does not required physical signature

--------- END OF CALIBRATION CERTIFICATE ---------