



YEA

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YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.

Admn. Office & Lab : 44, Shahid Khudiram Bose Sarani, (formerly Kamardanga Road), Ichapur, Howrah - 711 104
E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 220205SA/K652/001
ULR No. : CC222122000006470F

Dated : 08.02.2022

Calibrated for : Kulikawn Hospital, ICTC
Kulikawn,
Aizawl, Pin - 796005.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
05.02.2022	05.02.2023	1	2

Description of Instrument

Name : Digital Centrifuge
Identification : KH/ICTC/CNF-01
Range : 500 to 4200 rpm
Least Count : 5 rpm
Make : Eltech
Model : TC-650D



Service Request No. / Order Reference : 220205SA/K652/001-002

Receipt of Instrument : 05.02.2022

Location where calibration performed : At site

Applicable Specification of Instrument to be Calibrated : Not Specified

Condition of Instrument to be Calibrated : Satisfactory

Basis of Calibration : Comparison method with reference to YEA W/M-44

Environmental Condition during Calibration : *Temp.* : 25±5°C *RH* : 50±15%

Equipment used for Calibration : Standard Digital Tachometer

Traceability : To National Standard vide Certificate No: HT/CC/210909-04/001 dated 14.09.2021

Measurement Uncertainty : The figures are stated in the result at coverage factor $k=2$ corresponding to confidence probability of 95% for normal distribution.

Laboratory Identification : Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated up to its range.
The results are given in the page 2 to 2 ... of the Certificate.

YEA(C)/F-08





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Calibrated By : S. Ghosh

Dated : 08.02.2022

Page 2 of 2 Pages

Calibration Results

Mechanical Calibration :

A) Calibration Result of Digital Centrifuge

Sl. No.	DUC Value	Observed Standard Value	Measurement Uncertainty
	rpm	rpm	(± rpm)
1	650	652.9	5.7
2	1000	1003.8	
3	2000	2004.5	
4	3000	3006.2	
5	4010	4016.7	

DUC : Device Under Calibration

REMARKS : The above Digital Centrifuge has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***

