* Centrifuge is ealiberated by sharps swentile can
with the Digital Techormeter which be.

coliberated by Sadbhar Caliberation.

coliberated by Sadbhar Caliberation.

* All traceability restricates are attached

with it.

* KINDLY Go through certificato.

www.shaktiscientific.in GSTIN: 24AFWPP3472N1ZL

Register Office:

212, Sakar Complex, Sanstha-Vasahat, Dandiabazar, Raopura, Vadodara-390001, Guj.

E: info@shaktiscientific.in Ph: +91 265 -2712565 / 2412756

M.: 87587 411 85 / 96386 39 393



SALES SERVICE REPAIR CALIBRATION

CALIBRATION CERTIFICATE

CUSTOMER. Pulsepath Clinical Laboratory

1st Floor, 23, Aroma Complex Soma Talav Road, Dabhoi Road, Vadodara **CERTIFICATE NO: 080**

DESCRIPTION OF ITEM: Lab Centrifuge "Remi" **CERTIFICATE DATE:** 17/09/2020

MODEL NO: C854/6

SR.NO: ZEFN- 19115

RANGE: 3500RPM

DETAILS OF EQUIPMENT USED FOR CALIBRATION:

SR.NO	DESCRIPTION	CERTIFIED BY	CERTIFICAT NO.	
1	DIGITAL	SADDITI	N/0311A/07/2020	27/07/2021
	TECHOMETER	CALIBRATION	1.20	

OBSERVATIONS

D P M CALIBRATION:

POINT	INSTRUMENT TIMER	CALIBRATED TECHO METER	ERROR OBSERVED	ACCEPTD ERROR	RESULT
	DISPLAYED	READING		. / 100DDM	PASS
1	1000RPM	980 RPM	- 20RPM	+/-100RPM	PASS
2	1500RPM	1495 RPM	- 05RPM	+/-100RPM	PASS
3	2000RPM	1986 RPM	- 14RPM	+/-100RPM +/-100RPM	PASS
1	3500RPM	3492RPM	-08RPM	+/-100KPWI	IASS

- 1.Calibration done with Roto—6x15ml-----
- 2. Calibration Traceable to national Standards
- 3. Result is related only to the item calibrated
- 4. Maximum tolerance permissible RPM2%FSD

REMARKS: Overall deviation is within specified tolerance. Accepted

NEXT CALIBRATION DUE: 16/09/2021

CALIBRATED BY:

(SERVICE ENGR.

APPROVED B (DEPT-HEAD

Corporate Office: LF-17, 4th Floor, Lotus Aura-1, Sama-Savli Road, Vemali, Vadodara-390008, Gujarat, INDIA.

























unless writter







Certif	icate	of	Cal	ibrat	tion
--------	-------	----	-----	-------	------

Page 1

Certificate No.: N/0311A/07/2020 (ULR-CC211820000003476F) Date of Performance of Calibration:

27-07-2020

Calibration At: LABORATORY

User Specified Due Date:

27-07-2021

Date of Issue of Calibration Certificate:

29-07-2020

Customer Details

Calibrated For: Shakti Scientific Co

Division: --

LF-16, 4th Floor, Lotus Aura-1, Sama-Savli Road, Vadodara - 390008.

Reference:

Challan No: 266, Dated: 25/07/2020

Location : --

Device Under Calibration

Date of

25-07-2020

Conditions on Receipt:

Satisfactory

Receipt: Description:

Tachometer Digital (Non-Contact)

Make/Model:

Lutron/DT2234C

0.1RPM upto 999.9 RPM &

Size/Range:

5 to 99999RPM

Least Count:

1RPM above it

Identification:

Sr No.:

L165478

Accuracy Class of DUC:

Not Specified

Master Equipment Used for Calibration(Traceability:NABL Lab/NPL)

TIMBLE	Edailyment			m 1 1114	Valid Upto
Sr No.	Items	Identification	Range	Traceability	
31 110.		DCNCT/SCS/67/12/2007	00000 RPM	IDEMI Certificate No.:CC/ECL/0907/19-20	16-08-2020
1 1	Digital Tachometer	DCNC1/5C5/07/12/2007	99999 KI WI	IDENII Contineate i torre ci a ca	

Calibration Parameters

Enviornmental Condition:

Temperature:25 °C Humidity:54%RH

Procedural Reference:

CP 403 based on S9086-Q5-STM-010/CH-491R1, Rev. 1, ,THE NAVAL SEA

SYSTEMS COMMAND (SEA-03Z71).U.S

Mechanical Calibration

Results: Item is Calibrated in as found conditions without any adjustments

DUC Reading in RPM	Deviation in RPM	(±) % Expanded Uncertainty
120.0	0.0	2.34
960.1	0.1	0.27
3840	0	0.10
	2	0.07
		120.0 0.0 960.1 0.1 3840 0

Expanded Uncertainty:

±As Per Result at 95.45% confidence level with coverage factor k=2

Note: Identification with self adhesive stickers affixed on DUC/case with user specified due date.

--- END OF CERTIFICATE ---

Calibrated By Dakshesh P Talpada Calibration Engineer



Review and Authorised By Drown

> Binal B Bhuptani QM

"Accredited Calibration Laboratory for Dimension, Pressure, Temperature, Electrical, Mass, Force, Torque,









NABL Accredition Certificate Nos. CC-2287, TC-5538

CALIBRATION CERTIFICATE

IDEMI

INSTITUTE FOR DESIGN OF ELECTRICAL MEASURING INSTRUMENTS, MUMBAI

MSME - Technology Centre Mumbai

(A Govt. of India Society)
Ministry of Micro, Small & Medium Enterprises
Government of India

Eastern Express Highway, Chunabhatti, Sion PO., MUMBAI - 400 022.

Phone: (022) 2405 0301-4 Fax: (022) - 2405 0016

Website: www.idemi.org

Download "IDEMI CALIBRATION SERVICES" App from Google Play Store & E-Book From website

PF-LAD-13

Govt. of India Institute under the Ministry of MSME MEME Laboratories are Accredited by NABL as per ISO/IEC 17025 Recognised by BIS, under Laboratory Recognition Scheme for Type Testing of Energy Meter. ISO Certified by SGS, UK for ISO 9001: 2015 Member of National Conference of Standards laboratories International Member of Bureau of Indian Standards (BIS) Member of British Standard Institute, (BSI) United Kingdom Member of Society of EMC Engineers Member of Institute for Electrical & Electronic Mfg. Association (IEEMA) India. your link to electricity Member of Metrology Society of India. Member of Fluid Power Society Member of Indo - German Chamber of Commerce Undertakes the Testing and Calibration as per IEC Standards (International Electro Technical Commission)

Undertakes the Testing for CE Marking

Member of Indo - American Society

Member of Tool & Gauge Manufacturing Association (TAGMA)

ACCREDITATIONS / RECOGNITIONS / CERTIFICATIONS / MEMBERSHIPS

TOOL & GAUGE MANUFACTURERS

ASSOCIATION OF INDIA



वैद्युतिक मापन उपयंत्र अभिकल्प संस्थान, मुंबई INSTITUTE FOR DESIGN OF ELECTRICAL MEASURING INSTRUMENTS, MUMBAI **TECHNOLOGY CENTRE**

भारत सरकार की सोसायटी स्क्ष्म लघ् एंव मध्यम उद्यम मंत्रालय Government of India Society Ministry of Micro, Small & Medium Enterprises



संदर्भ सं / Ref. No.: IDEMI/ECL/2/2019-2020

दिनांक : Date :

06/09/2019

To

M/s. Sadbhav Calibration Services, Arihant Super Market, Extension Building, Opp. State Bank of India. Near Lalbaug Crossing, Manjalpur, Vadodara, Gujarat - 390 011.

Attn. : Mrs. Binal Bhuptani

Mobile: 9328290172

विषय

: अंशांकन प्रमाणपूर्व

Sub

: Calibration Certificate

Work Order No.: WO/ECL/0411/19-20 dated 14/08/2019

महोदय,

आपके उपकरणों अवयवों पर किये हुये अंशांकन प्रमाणपत्र संख्या CC/ECL/0907/19-20 आपको जानकारी के लिए पत्र कें साथ भेंज रहे हैं। यदि आपको अंशांकित मतों पर स्पष्टीकरण की कोई आवश्यकता हो तो, कृपया प्रमाणपत्र जानकारी करने वाले प्राधिकारी को हमारे संदर्भ संख्या और तारीख का उल्लेख करते हुए, प्रमाणपत्र प्राप्त होने पर चार सप्ताह के अन्दर सम्पर्क करें अथवा लिखे। हम इस पत्र के साथ फीड बॅक फॉर्म भेज रहे हैं। कृपया उसे भरके प्रबंध निदेशक, आई डी ई एम आई को भेंजे।

धन्यवाद!

संलग्न पत्रानुसार

Dear Sir,

Calibration Certificate No. CC/ECL/0907/19-20 / on your instruments / components / equipment's are / is enclosed herewith for your information. If you need any clarification on calibration certificate, please write/contact to certificate issuing officer quoting our reference and date within four week the date of receipt of this certificate. We are also enclosing here with feed back form. Kindly fill up and send to the Managing Director of IDEMI.

Thank You

Sayew Resel MANAGING DIRECTOR

Encl. As above

NABL Accredited Laboratory

Swatantryaveer Tatya Tope Marg, Chunabhatti, Sion, P.O. Mumbai - 400 022(M.S.) Phone: (022) 2405 0301/2/3/4 Fax: (022) 2405 0016

Website: www.idemi.org

FF-LAB-01



CALIBRATION CERTIFICATE





Work Order No.: WO/ECL/0411/19-20

Date :

14/08/2019

ULR No. : CC228719100001927F

Certificate No.

CC/ECL/0907/19-20

Date of Calibration Page No.

17/08/2019

Calibrated Item: Digital Tachometer

Calibrated for :

M/s. Sadbhav Calibration Services, Arihant Super Market, Extension Building, Opposite

State Bank of India, Near Lalbaug Crossing, Manjalpur, Vadodara, Gujarat - 390 011.

Calibrated at

: IDEMI, Mumbai.

Specification of device under calibration	Standard instruments used for calibration
Manufacturer ; M/s. Indi	RPM Source with Digital Tachometer ID No.: IDEMI/ECL/TACHO/01
Condition of Item on receipt : No visible damage	Calibration Validity up to 04/04/2020
Calibrated from 30 to 99999 RPM (Non- Contact Mode)	All measurement results are traceable to the International system of units (SI), ensured
Sr. No. : S12K0712123	by comparison, directly or indirectly with
Model : 6123	National or International standards through
ID No. : DCNCT/SCS/67/12/2007 Accuracy : ± (0.05% + 1 Digit)	unbroken chain of calibration

Ambient Conditions :

Temperature : 26 °C

Relative Humidity: 62 %

Remarks: Please refer page 2 for Calibration Results.

1) Procedure of Calibration : Above mentioned item is calibrated as per operating procedure : OP-S&R -01

2) Reported Expanded Uncertainty is at Coverage Factor k=1.96 & at 95 % Confidence Level.

3) Calibration Status: Sticker No. 880 indicating 'CAL STATUS' is affixed on instrument.

4) Our NABL Accreditation Certificate No. is CC - 2287, Valid up to 30/08/2020.

5) Next Calibration Due on: 16/08/2020.

PRADEEP SHANTILAL GUJARATHI Digitally signed by PRADEEP SHANTILAL GUJARATHI Date: 2019.09.06 14:56:33

AUTHORISED SIGNATORY

Note:

1. This certificate refers only to the particular item(s), submitted for calibration. The certificate should not be reproduced expect in full without the prior permission from the Managing Director, IDEMI, Mumbai - 400 022.

 This is computer generated certificate and may not contain signature. Where send by email, this is signed with digital signature of authorized signatory, approved by NABL. For any queries, please quote work order number mentioned in this certificate



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भारत सरकार की सोसायटी सुध्य लघु एवं मध्यम उद्यम मंत्रालय Government of India Society

Ministry of Micro Small & medium Enterprises खातंत्र्यवीर वात्या टोपे गार्च चुनागट्टी सायन डाकघर पुंबंडे

Swatantryaveer Tatya Tope Marg, Chunabhatti, Sion, P.O. Mumbai - 400 022

FF-LAB-03



वैद्युतिक मापन उपयंत्र अभिकल्प संस्थान, मुंबई ४०००२२ INSTITUTE FOR DESIGN OF ELECTRICAL MEASURING INSTRUMENTS, MUMBAI - 400 022



ELECTRICAL CALIBRATION LABORATORY

Instrument Sr. No.: S12K0712123 Date of Calibration: 17/08/2019

ULR No.

: CC228719100001927F

Page No.

:2 of 2

Certificate No.: CC/ECL/0907/19-20

Calibration Results:

NON CONTACT MODE

Calibratio	n Standard	Device Unde	er Calibration	Е	rror	Expanded
Range	Reading	Range	Reading	Units	% of Rdg.	Uncert. in RPM
Auto	RPM 29.998	5 RPM	RPM 30.1	RPM 0.102	0.34	1
Range	99.915	to 99999 RPM	99.9	-0.015	-0.02	3
	500.19		500.1	-0.09	-0.02	3
	999.98		999.9	-0.08	-0.01	3
	9999.8		9999	-0.8	-0.01	3
	29998		29994	-4	-0.01	6
	59998		59991	-7	-0.01	6
	99899		99896	-3	-0.003	6

Note: 1) Value mentioned above is mean of 5 readings.



²⁾ Above calibration is carried out as per customer's requirement.

^{***}End of Calibration Certificate***

OUR NABL & BIS ACCREDITATION STATUS



ACGRD. CERT. No. CC-2287, TC - 5538

IDEMI (MSME-Technology Centre) is a Government of India Society working under the Ministry of Micro, Small & Medium Enterprises (MSME) and Accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) for its facilities at Mumbai and on site in the following fields as per ISO/IEC 17025

R. NO.	FIELD	NABL ACCREDITATION CERTIFICATE NUMBER	
1	Electro Technical Calibration	CC-2287	
2	Pressure Calibration	CC-2287	
3	Mass & Volume Calibration	CC-2287	
4	Dimensional Metrology	CC-2287	
5	Fluid Flow Calibration	CC-2287	
6	Thermal Calibration	CC-2287	
7	Electrical Testing	TC-5538	
8	EMI / EMC Testing	TC-5538	
9	Monoblock Pump Testing	TC-5538	
10	Electronics Testing	TC-5538	
11	Energy Meter Testing	Recognised by BIS	

NOTE

- This/These certificate(s) refer(s) only to the particular instrument(s) submitted for calibration.
- This/These certificate(s) shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Managing Director of Institute for Design of Electrical Measuring Instruments, Mumbai.
- The calibration results reported in the certificate(s) are valid at the time of and under the stated conditions of measurement.
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