Sarada Krishna
Homoeopathic Medical College
Kulasekharam, Kanniyakumari Dist., Tamil Nadu

DETAILS OF MAINTENANCE

Sl.No	Details
1.	Maintenance policy statement
2.	AMC document for Generator
3.	AMC document for Lift
4.	Structure stability certificate for institution
5.	Fire service license
6.	Building license
7.	Calibration certificates for equipments

Sarada Krishna Homoeopathic Medical College
Kulasekharam
K.K.Dt. 629 161

PRINCIPAL
SARADA KRISHNA HOMOEOPATHIC MEDICAL COLLEGE
KULASEKHARAM, KANYAKUMARI DISTRICT,
TAMIL NADU - 629 161

Sarada Krishna
Homoeopathic Medical College
Kulasekharam, Kanniyakumari Dist., Tamil Nadu-629 161.

MAINTENANCE COMMIITTEE

Purpose

Purpose of maintenance policy is to carry out the maintenance work in the campus for the enhancement of physical, academic and support systems for teaching and learning. The maintenance committee is responsible for managing the maintenance facilities as the most cost effective manner.

Scope

The scope of the maintenance policy is limited to undertake maintenance of the infrastructure of the campus. Maintenance policy of SKHMC ensures no major breakdowns in the academic and other supporting system.

Policy

The SKHMC maintenance system will include

- Priorities for work requests
- Comprehensive working procedure
- Performance Goals
- Long range plan

The priority system ensures the follows:

a. Emergency
b. Urgent
c. Scheduled Operations and Services

Responsibilities

The maintenance committee has the following members

1. The Chairman
2. Principal as Co-ordinator
3. Maintenance Manager
4. Office Manager
5. Office Superintendent
6. Head Accountant
7. Quality Coordinator
8. Vehicle Supervisor

Procedure

1. Maintenance request by individual units / website.
2. Maintenance Committee scrutinize the maintenance request and put up for approval of the competent authority.
3. After completion of repairs/maintenance cost is settled as per the approved procedure.

The maintenance manager will ensure that the staff implements the maintenance policy as per the procedures. He is responsible for developing the work culture to identify the means of delivery. The SKHMC will contract maintenance services when it is the best interest of the organization to do so. When the employees of the organization have the time and skills to perform the work at hand they will be the first choice to perform the given task.

Maintenance reference to the inspection, modification and repair of buildings, equipments and machines within the organization to ensure they are in good conditions. The good maintenance of facilities is also an economic means of maximizing the full value of these assets.

Co-ordinator

Sarada Krishna Homoeopathic Medical College Kulasekharam K.K.Dt. 629 161

Principal

PRINCIPAL
Sarada Krishna Homoeopathic
Medical College, Kula...

(4) M3 (8) 3857

GOVERNMENT OF TAMILNADU
ELECTRICAL INSPECTORATE

Phone & Fax : 0462 2530343

e-mail : eitin@tn.gov.in
Visit : www.tnei.tn.gov.in

From
The Electrical Inspector,
7-B, 'C' Colony,
Perumalpuram,
Tirunelveli – 627 007.

To
M/s. Sarada Krishna Homoeopathic Medical College,
Kulasekharam,
Kanyakumari District – 629 161.

Pdl 53/17

Letter No. 1963/EI/TIN/Reg 32/2017 Dated :08.06.2017

Sirs,

Sub : Electricity – Generator installations - Voltages upto and inclusive of 415V at the premises of **M/s. Sarada Krishna Homoeopathic Medical College, Kulasekharam, Kanyakumari District** – 629 161- Inspection under Regulation 32 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 – Inspected on **27.05.2017** - Permission to Commission the Equipments - Reg.

Ref : 1) Your Letter No.Nil Dt.: 18.05.2017.
2) This Office Lr. No.TIN 1963/AEI/TIN/DG/R32/2017-18 Dt:29.05.2017.
3) Your Letter No.Nil. Dt: 01.06.2017 Recd. on 05.06.2017.

* * * * * *

Under Regulation 32 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010, permission is hereby accorded to commission the Diesel Generator Set bearing:

	Alternator -1	Engine - 1	Alternator -2	Engine - 2
Make	Kirloskar	Kirloskar	Kirloskar	Kirloskar
Sl.No.	ES3H009C71098	6H.3532 / 0900092	ES3D016F205012	4H.8901 / 1620894
Rating	125 KVA/415V	156 HP	82.5 KVA/415V	102 HP

CONDITIONS

Subject to the following Conditions:

1) The Generator supply should not under any circumstances be run in parallel with the TANGEDCO Grid. Adequate measures should be taken by always maintaining standard change over switches.

2) The permission granted now ceases to be valid when the Generator set is shifted from the above service connection.

3) The date of commissioning of the Generator set should be intimated to this office, The Superintending Engineer, Kanyakumari / TANGEDCO, The Executive Engineer, Thuckalay TANGEDCO and Chief Electrical Inspector to Government, Chennai-32.

4) Tax on Consumption or Sale of Electricity using generator supply should be remitted monthly and returns sent to this office as per Tamil Nadu Tax on Consumption or Sale of Electricity Act, 2003.

Electrical Inspector
Tirunelveli

Copy to: Thiru.Global Technics Solution, 266, Cheranmahadevi Road, Pettai, Tirunelveli.
Copy to: The Superintending Engineer/ TANGEDCO LTD.,
Kanyakumari Electricity Distribution Circle, Kanyakumari.
Copy submitted to: The Chief Electrical Inspector to Govt., Chennai.

Pdl 57/18 3482 (4)

KIRLOSKAR OIL ENGINES LIMITED
A Kirloskar Group Company

BANDHAN PEACE OF MIND Choice Unlimited | KOEL CARE

Date: 18-May-2018

M3/H

SARADA KRISHNA HOMOEOPATHIC MEDICAL COLLEGE HOSPITAL
19 MAY 2018
KULASEKHARAM

To,

Sarada Krishna Homeopathic Medical College

Kulasekharam Kanyakumari

Kanyakumari - 629161

Kind Attn: Mr. Sanjeev Kumar

Dear Sir/Madam,

It gives us immense pleasure to welcome you to **KOEL BANDHAN** family.

We thank you for choosing **KOEL BANDHAN** and giving us the opportunity to take care of your KOEL Green asset. It is our privilege to serve you. We shall ensure that you always avail the best of our services through our 5 promises:

- Proactiveness
- Speed - Response & Restoration
- First Time Right
- One Stop Solution
- Complete Service Ownership

Kindly take a note of the following important details pertaining to your online purchase:

• Engine Serial Number	:	4H.8901/1620894
• Instance ID of your KOEL Green Genset	:	100156313
• Invoice No and Date	:	331929001300156 Dt. 18/May/18
• Start date of contract	:	17/May/18
• End date of contract	:	16/May/19

For any assistance, you can always contact our 24X7 helpdesk @ **8806334433** or Email us on koel.helpdesk@kirloskar.com

Note: Please mention your Genset Instance ID/ Engine Serial Number as mentioned above while contacting our 24x7 Helpdesk to track your genset easily and serve you better.

We once again thank you very much for choosing **KOEL BANDHAN** and assure you of our best services always.

Regards,

Abhaya Naik
(Head - Customer Support)

Enclosure : Scope, Inclusion and Exclusion of **KOEL Bandhan Service Package.**

4

SARADA KRISHNA HOMOEOPATHIC MEDICAL COLLEGE HOSPITAL
12 MAR 2019
KULASEKHARAM

SARADA KRISHNA HOMOEOPATHIC
MEDICAL COLLEGE
KULASEKHARAM
KANYAKUMARI
629161
India

KONE Elevator India Pvt Ltd

NO.1,PANDIAN TOWER,
MELAPONNAGARAM 5TH
STREET,
MADURAI
625016
Tel:0452 2361617
Contact person:S K Kumaresh
Contact person mob:+91 80560
41261

Contract No: 41457498

Quotation No. T-0002825756 v1

27.02.2019

KONE Care™ contract

Dear

We wish to express our sincere gratitude to you for continuing to be KONE customer.

Your continued patronage has helped us to provide uninterrupted services to KONE Elevators / Escalators in your premises. It has been our endeavor to ensure a safe and comfortable ride for all users of KONE Equipment in your building.

It is quite some time, since we signed the full set of contract documents; hence it is time for us to renew our agreement towards the scope, terms & conditions of the referred Maintenance Contract. Further, the costs of labour and material have seen a substantial upward movement during the last one year. We are forced to pass on a certain portion of the increased cost to continue maintaining our service routines. Accordingly, we propose a nominal increase over the present contract value.

Enclosed please find the contract document. We would request you to please sign the copies on each page and return to us to enable us, process your instruction as speedily and efficiently as possible.

However should you have any questions regarding our proposal, or require any further information, please do not hesitate to contact us.

Yours sincerely
KONE Elevator India Pvt Ltd
S K Kumaresh
Engineer - Service
sk.kumaresh@kone.com

SKHMC
Principal
Chairman

For KONE Elevator India Pvt Ltd

Signed For Customer

KONE Care Standard™

Sold to:	SARADA KRISHNA HOMOEOPATHIC KULASEKHARAM KANYAKUMARI TAMIL NADU 629161 India	Invoice to:	SARADA KRISHNA HOMOEOPATHIC MEDICAL COLLEGE KULASEKHARAM 629161 KANYAKUMARI

and contractor:

KONE Elevator India Pvt Ltd
NO.1,PANDIAN TOWER, MELAPONNAGARAM 5TH STREET,
MADURAI
625016

This Contract has been prepared in two identical counterparts, one for each Party. We hereby agree to the General Terms and Conditions as detailed in the Appendix 1.

General contract agreements	
Contract start date	24-03-2019
Contract end date	23-03-2020
Contract term	1 year Contract
Invoicing	Yearly in advance
Payment Terms	Payable immediately Due net
1st-year annual price without taxes (Rs)	Rs 23,305.13
CGST @ 9%	Rs 2,097.46
SGST / UTGST @ 9%	Rs 2,097.46
Total price for first year, including applicable taxes	Rs 27,500.05
Annual Increment on Basic Price	Mutually agreed percentage on previous year's Basic Price

Signed by the Customer	Signed by KONE Elevator India Pvt Ltd
Date	Date
Signature	Signature

Appendices:
Appendix 1: Equipment Details
Appendix 2: Service Description
Appendix 3: General Conditions of Service Contract for Maintenance Agreement

For KONE Elevator India Pvt Ltd

Signed For Customer

Sarada Krishna Homoeopathic Medical College, Kulasekharam, K.K. Dt

version 1.0

Asset List - Equipment Details

The following equipment shall be covered by this contract

Scope of contract: KONE Care Standard™
Equipment type: Elevator

Equipment number	Address	capacity (Kg)	Number of landing doors	1st-year annual price without taxes (Rs)
42461671	KULASEKHARAM, KANYAKUMARI 629161	544	4	Rs 23,305.13

For KONE Elevator India Pvt Ltd

Signed For Customer

Version 1.0

Appendix - Service Description

Scope of contract: KONE Care Standard™
Equipment type: Elevator

This contract meets all the relevant requirements of the current statutory regulations.

Description of work

KONE Modular based maintenance™	KONE Modular based maintenance™ is KONE's preventive maintenance method. Maintenance activities are done according to equipment specific maintenance plan. Pre-defined maintenance modules include the maintenance actions for each main component of the equipment.
KONE Customer Care Centre™	KONE Customer Care Center is a 24/7 helpdesk for reporting technical failures and faults in the elevators, escalators and doors or for requests of other assistance on site. KONE Customer Care Center can be easily accessed through one national phone number. KONE Customer Care Center personnel answer to service requests and dispatch KONE technicians to perform the Call-Out and Entrapment Rescue Services. Service requests for non-urgent Service Repair work is assigned to KONE field operations.
Labour for Call-outs Service	Call-out Service is designed to solve unexpected equipment failure, equipment stoppage or erratic operation, requiring immediate attention of a KONE Technician. Response Times are committed by KONE under mutual consent with customer.
Agreed Maintenance Times	Maintenance carried out during normal working hours (Monday - Saturday 08:30 - 17:30)

For KONE Elevator India Pvt Ltd.

Signed For Customer

KONE Care™

GENERAL TERMS AND CONDITIONS FOR MAINTENANCE SERVICES

1 DEFINITIONS

The following defined words and phrases shall have the following meanings:

Term	Description
"Commencement Date"	The date of commencement of the Contract
"Contract"	The contract entered into between KONE and the CUSTOMER regarding the provision of Maintenance Services
"Contract Duration Period"	The duration period of the Contract as set out in the Contract.
"Equipment"	The elevators and escalators listed in the Contract, and related components and parts that are a part of the original supply.
"Legislative Requirements"	All applicable regulatory and legislative requirements, laws, statutes, regulations and requirements and/or orders set out by any competent authority.
"Maintenance Services"	All services to be performed by KONE with respect to the Equipment pursuant to the Contract
"Normal Working Hours"	The time as specified under the "Contract Details" section
"Party" or "Parties"	The CUSTOMER and/or KONE
"Price"	Consideration payable to KONE by the CUSTOMER for the performance of the Maintenance Services

2. PROVISION OF MAINTENANCE SERVICES BY KONE

KONE shall perform the Maintenance Services as agreed to in the Contract and in these General Terms and Conditions. In performing the said services, KONE shall take all reasonable steps to maintain the Equipment in proper operating condition. KONE shall use trained and appropriately supervised personnel to perform the Maintenance Services. The Maintenance Services shall be conducted during the Normal Working Hours. If not separately agreed, any work conducted outside the Normal Working Hours is not included in the Price and shall be invoiced separately. KONE during its normal working hours, shall send at regular intervals and as frequently as the Company thinks necessary , having regard to the age nature and condition of the equipment (but not less than ___—12—___ times per annum) a technician to systematically inspect, adjust and lubricate the parts of the equipment to the extent necessary to maintain the equipment in satisfactory working order. If not separately agreed, any work conducted outside the Normal Working Hours is not included in the Price and shall be invoiced separately. KONE will supply all lubricants (made as per standards of KONE) necessary for this purpose.

Upon notification by the customer of a breakdown or failure in the equipment, the KONE shall send, as soon as may reasonably be possible and during KONE's normal working hours, a technician to carry out necessary repairs in order to restore the equipment to satisfactory working condition.

KONE will carry out according to its standards customary annual safety test to examine all safety devices. KONE will not be required to make any other tests. KONE will neither be required to install new attachments nor to make replacements with parts of a different design to the equipment whether or not recommended or directed by Insurance Companies, or by Governmental or Non-Governmental authorities.

KONE is not expected to assume liability for injury (other than to its employees) or damage to property resulting from or caused by the equipment during its operation. KONE reserves the right to keep the control cubicle locked.
The Equipment under contract will remain out of commissioning while the maintenance process is being carried out .No one will be allowed to use the Equipment during this period.

3. PROVISIONS BY THE CUSTOMER

The CUSTOMER shall promptly inform KONE of any unsatisfactory operation or performance of the Equipment, any accidents or incidents involving the Equipment or any change in the use of the Equipment. The CUSTOMER shall provide a safe and adequate working environment for KONE personnel and reasonable access to carry out the Maintenance Services. The CUSTOMER shall be responsible for all wiring in the building structure and power supply necessary for the functioning of the Equipment. The CUSTOMER shall be responsible for any power supply fluctuations or failures causing damage to the Equipment. The CUSTOMER shall comply with all applicable Legislative Requirements, including occupational safety and health regulations.

The CUSTOMER shall keep sills, machine room and pit clean. The CUSTOMER shall instruct all persons using the equipment to use it at all times in accordance with KONE's reasonable instructions. The CUSTOMER shall ensure to prevent misuse or vandalism of the equipment.

The CUSTOMER shall ensure that two trained persons in the building will be available for emergency rescue of trapped passengers. The CUSTOMER shall nominate two persons by name and designation for intimating breakdowns if any, to KONE with clear understanding that instructions of only such persons will be attended by KONE.

The CUSTOMER shall keep the m/c room under lock and key.

The CUSTOMER shall not to allow any other person, either his own or a third party to meddle with, repair or rectify any of the equipment components during the subsistence of this contract with the explicit understanding that any breach of this clause will relieve KONE of all further obligations under this contract.

4. PAYMENT AND ADJUSTMENT OF PRICE

Unless otherwise stipulated in the Contract, the Price is due annually in advance by means of cheque / DD shall be settled against submission of pro-forma invoice OR within 5 days from receipt of the invoice by the CUSTOMER. The Price is exclusive of Taxes as applicable. The Price may be adjusted annually by KONE in accordance with any increase in the cost of performing the Maintenance Services during any invoicing period. Any such variations will be made according to the price adjustment percentage agreed between the Parties. Further, KONE reserves the right to adjust the Price in the event the main purpose of use of the Equipment materially changes during the Contract Duration Period or in the event new Legislative Requirements enter into force which materially change the scope of the Maintenance Services or the costs of providing the said services.
The CUSTOMER shall pay in addition to the contract price mentioned here, any tax imposed upon the CUSTOMER, or KONE or KONE's suppliers by any existing or future law, or under any statute court decision, rule or regulations becoming effective after the date of this proposal which is based upon or incident to the use, ownership or possession of the materials or equipment involved in the performance here of or service rendered hereunder.

5. DELAYED PAYMENT BY THE CUSTOMER

If the payment of any amount due under the Contract is delayed, KONE shall be entitled to charge interest on such sum at the rate of eighteen per cent (18%) per annum on amount unpaid as per payment terms after date of invoice KONE shall also have the right, without prejudice to other remedies, to suspend immediately the provision of the Maintenance Services until the payments due to KONE (with interest) have been paid in full.

6. KONE PARTS AND COMPONENTS

All parts and components fitted by KONE will be original parts or components. If original parts or components are not available, the parts or components fitted will be of equal quality and functionality. KONE's liability to the CUSTOMER for any defects in design, materials or workmanship relating to parts and components shall be limited to the replacement of spare parts or components as defined by this Article 6.

a) If any component is rendered defective affecting equipment performance, repair or replacement of the component will be done on a chargeable basis. Any replacement which is less than Rs. 500/- will be carried out without prior sanction and a bill will be submitted. For repair or replacement value more than Rs. 500/- prior approval will be taken. Approvals must be given within 2 days of notice failing which KONE will not be responsible for any consequent breakdown or accident and such breakdowns will be attended on a chargeable basis.

Any other equipment or accessory not forming part of the initial supply of the equipment although provided as a necessary accessory by or to the customer This includes Accessories such as EBD / KRD , Intercom , LAS ,BMS,DCS,E-Link & Group Indicators

b) It is hereby specifically agreed that KONE would not in any way be liable to replace or repair free of charge, under this contract any damage caused to all or part of the equipment as a consequence of a faulty electrical system, fire , water seepage flooding etc. In such an event all repairs and replacements as may be necessitated would be carried out at the cost and expense of the customer. It is recommended that the customer should take adequate protection from Insurance or similar companies to safe guard the equipment for damages that would occur due to such causes. In such an event the cost of repair or replacement should be reimbursed to KONE without any conditions or limitations.

c) In the event KONE consider themselves unable to supply any materials or parts due to obsolescence or if they have been permanently taken out of production by the original supplier , then this agreement shall forthwith terminate without prejudice to KONE's accrued rights and without any liability to KONE for such termination.

7. LIMITATION OF LIABILITY

Notwithstanding any other provisions or indemnities in this Contract, in no event shall KONE be liable to the other party for any loss of profit, use, contracts, business, customers, good will, contractual liabilities of others or for any indirect or consequential loss or damage, which may be suffered by the other party in connection with the Contract. KONE's maximum aggregate liability under or in relation with this Contract shall in no event exceed an amount equal to one year's Contract value per equipment.

8. FORCE MAJEURE AND RELEASE FROM RESPONSIBILITY

KONE shall not be liable for any failure to fulfill any of its obligations under the Contract to the extent that such fulfillment is prevented by circumstances beyond KONE's reasonable control, including but not limited to acts of God, epidemic, acts of government, war, civil commotion, terrorism, material shortages, transportation delays, labour unrest, theft, vandalism, misuse of Equipment, failure of incoming power supply, fire, flood, adverse climate conditions or natural disasters.

9. PROPERTY RIGHTS

The proprietary rights to any drawings, technical documentation, software or other intellectual property provided by KONE in the course of and in connection with performance of the Maintenance Services, shall remain solely with KONE.KONE is not expected to assume possession or Management of any part of the equipment and the customer remains exclusively as the owner.

10. TERMINATION OF CONTRACT

The Contract shall remain in force for the Contract Duration Period, unless cancelled in writing by either party ninety (90) days prior to the desired date of termination. Either Party may terminate the Contract, without satisfying the above time requirements, by giving a written notice to the other Party in the event that the other Party goes into liquidation either compulsorily or voluntarily, or a receiver, administrator or administrative receiver is appointed in respect of the whole or any part of its assets, or if the other Party commits a material breach of the Contract and the said breach has not been remedied within thirty (30) days after receipt of written notice setting forth particulars describing the alleged breach. Further, KONE has the right to terminate the Contract in the event the main purpose of use of the Equipment has materially changed during the Contract Duration Period or the Equipment is serviced or repaired by a third party without the prior written approval by KONE during the Contract Duration Period or the ownership of the building where the Equipment is located is changed.

In the event that the Contract is terminated by either Party as set out above, the CUSTOMER's obligations to make payments due under the Contract shall survive the termination and KONE shall be entitled to receive payments from the CUSTOMER for any Maintenance Services performed before the effective date of termination. KONE, in turn, shall return any payments made by the CUSTOMER for Maintenance Services not yet performed, except in the

KONE

of termination due to the CUSTOMER's default. In the event the Contract is terminated for any reason whatsoever any Equipment specific maintenance productivity tools will be removed, unless the Customer wishes to purchase such tools at the prevailing market price.

In all circumstances where the Contract is terminated other than for KONE's breach, insolvency or repudiation, a termination fee shall become payable by the CUSTOMER, without prejudice to any of KONE's other rights. The said termination fee is equal to 30% of the Price payable by the Customer for the remaining term of the Contract but for the termination. The Parties agree that the said termination fee is a reasonable pre-estimate of the loss suffered by KONE as a result of the termination.

11. APPLICABLE LAW

In the event of difference or dispute arising out of, under or in connection with this contract / agreement, over the right of obligation of parties hereto, the dispute or difference shall be referred to the Arbitration of a Sole Arbitrator, to be appointed by KONE. The Contract will be governed by the laws of India and the courts of Chennai shall have sole jurisdiction over any disputes between the Parties relating to the Contract, and the Provisions of the Arbitration & Conciliation Act 1996 shall be applicable to such Arbitration.

12. RESCUE TRAINING

As a part of maintenance, KONE intends to provide basic training to CUSTOMER with respect to rescuing passengers entrapped in elevators under certain limited circumstances.
The objective of providing rescue training is to enable the CUSTOMER to understand and identify the risks involved in relation to elevator entrapment situations and related rescue operations, what kind of rescue operation is needed, whether the needed rescue operation can be conducted by the CUSTOMER, and further provide knowledge and teach practical skills needed in the rescue operations. The training would include on site demonstration of limited rescue operations that needs to be taken into account when rescuing passengers including the "dos and don'ts".
This training shall be provided by KONE to the CUSTOMER as a one-time exercise free of cost at the request of CUSTOMER, for any two of the representatives nominated by the CUSTOMER. Subsequent training required to be provided by KONE at any future point of time shall be chargeable on a mutually agreeable basis.
After providing training, KONE and CUSTOMER shall record the fact of having provided such basic training in the format prescribed by KONE. This shall include the names and positions of the CUSTOMER's representative who have participated in the said training. KONE shall always keep the determining record of who have participated in the training. The CUSTOMER or their representative who has been so trained can thereafter engage in rescuing passengers entrapped in an elevator using solely the methods as trained by KONE.
The CUSTOMER and their representatives acknowledge and understand that they shall not engage in rescue operations for which they are not trained and shall not attempt to rescue any persons following processes, other than those for which they have been trained by KONE. This training shall be valid only for the validity of this contract.
CUSTOMER hereby voluntarily release, forever discharge and agree to indemnify and hold harmless KONE, its directors, officers, employees, agents, subcontractors, volunteers and all other persons or entities acting in any capacity on behalf of KONE from any and all liability, claims, demands or causes of action which may be in any way connected with the participation of the CUSTOMER and/or their representatives in the training activity including all such claims which allege negligent acts or omissions of KONE.
It is specifically agreed that the training provided by KONE shall not absolve the CUSTOMER or their representatives from any negligent and/or any acts of omission or commission that may result in any accident / cause damage either to the entrapped passengers or to the property. KONE shall not be held responsible for any consequences arising out of rescue undertaken by the CUSTOMER or their representatives whether the rescue is happening before, during or after any training provided by KONE. CUSTOMER agrees to indemnify KONE, its directors, officers, employees, agents, subcontractors, volunteers and all other persons or entities acting in any capacity on behalf of KONE against claims, demand, prosecution and/or any charge arising therefrom.

13. MISCELLANEOUS

The Contract constitutes the entire agreement between the Parties, and supersedes all prior negotiations, understandings, representations, and agreements between the Parties, if any. The CUSTOMER represents and warrants that in deciding to enter into the Contract, the CUSTOMER has not relied on any information supplied or statements made by KONE except those set forth in the Contract. The Contract may be amended or varied only by a written instrument signed by duly authorised representatives of both Parties. Any purchase order issued by the CUSTOMER in connection with the Maintenance Services shall be deemed to be issued for the CUSTOMER's administrative billing purposes only, and the Parties hereby intend that the terms and conditions of the Contract shall exclusively govern any services to be provided hereunder. None of the conditions of the Contract shall be considered waived by either Party unless such waiver is given in writing by the Party. No such waiver shall be a waiver of any past or future default, breach or modification of any of the conditions of the Contract, unless expressly stipulated in such waiver. This Contract can be freely assigned by KONE to any other company within the KONE group without the prior consent of the Customer. Notwithstanding any transfer of ownership of the building where the Equipment is located or change of the property manager of the said building, this Contract will continue in full force and effect until the end of the Contract Duration Period.

Sarada Krishna Homoeopathic Medical College, Kulasekharam, K.K.Dt. 629 161

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KONE Elevator India Pvt Ltd

NO.1,PANDIAN TOWER.
MELAPONNAGARAM 5TH
STREET,
MADURAI
625016
Tel:0452 2361617
Contact person:S K Kumaresh
Contact person mob:+91 80560
41261

SARADA KRISHNA HOMOEOPATHIC
MEDICAL COLLEGE
KULASEKHARAM
KANYAKUMARI
629161
India

Contract No: 41424123

Quotation No. T-0002686872 v1

08.12.2018

KONE Care™ contract

Dear

We wish to express our sincere gratitude to you for continuing to be KONE customer.

Your continued patronage has helped us to provide uninterrupted services to KONE Elevators / Escalators in your premises. It has been our endeavor to ensure a safe and comfortable ride for all users of KONE Equipment in your building.

It is quite some time, since we signed the full set of contract documents; hence it is time for us to renew our agreement towards the scope, terms & conditions of the referred Maintenance Contract. Further, the costs of labour and material have seen a substantial upward movement during the last one year. We are forced to pass on a certain portion of the increased cost to continue maintaining our service routines. Accordingly, we propose a nominal increase over the present contract value.

Enclosed please find the contract document. We would request you to please sign the copies on each page and return to us to enable us, process your instruction as speedily and efficiently as possible.

However should you have any questions regarding our proposal, or require any further information, please do not hesitate to contact us.

Yours sincerely
KONE Elevator India Pvt Ltd
S K Kumaresh
Engineer - Service
sk.kumaresh@kone.com

KONE Care Standard™

Sold to	SARADA KRISHNA HOMOEOPATHIC KULASEKHARAM KANYAKUMARI TAMIL NADU 629161 India	Invoice to	SARADA KRISHNA HOMOEOPATHIC MEDICAL COLLEGE KULASEKHARAM 629161 KANYAKUMARI

and contractor:

KONE Elevator India Pvt Ltd
NO 1,PANDIAN TOWER, MELAPONNAGARAM 5TH STREET,
MADURAI
625016

This Contract has been prepared in two identical counterparts, one for each Party. We hereby agree to the General Terms and Conditions as detailed in the Appendix 1.

General contract agreements	
Contract start date	26-12-2018
Contract end date	25-12-2019
Contract term	1 year Contract
Invoicing	Yearly in advance
Payment Terms	Payable immediately Due net
1st-year annual price without taxes (Rs)	Rs 28,105.97
CGST @ 9%	Rs 2,529.54
SGST / UTGST @ 9%	Rs 2,529.54
Total price for first year, including applicable taxes	Rs 33,165.04
Annual increment on Basic Price	Mutually agreed percentage on previous year's Basic Price

Signed by the Customer	Signed by KONE Elevator India Pvt Ltd
Date	Date
Signature	Signature

Appendices: Appendix 1: Equipment Details
Appendix 2: Service Description
Appendix 3: General Conditions of Service Contract for Maintenance Agreement

Asset List - Equipment Details

The following equipment shall be covered by this contract

Scope of contract: KONE Care Standard™
Equipment type: Elevator

Equipment number	Address	capacity (Kg)	Number of landing doors	1st-year annual price without taxes (Rs)
42461672	KULASEKHARAM, KANYAKUMARI 629161	884	5	Rs 28,105.97

Appendix - Service Description

Scope of contract: KONE Care Standard™
Equipment type: Elevator

This contract meets all the relevant requirements of the current statutory regulations

Description of work

KONE Modular based maintenance™	KONE Modular based maintenance™ is KONE's preventive maintenance method. Maintenance activities are done according to equipment specific maintenance plan. Pre-defined maintenance modules include the maintenance actions for each main component of the equipment.
KONE Customer Care Centre™	KONE Customer Care Center is a 24/7 helpdesk for reporting technical failures and faults in the elevators, escalators and doors or for requests of other assistance on site. KONE Customer Care Center can be easily accessed through one national phone number. KONE Customer Care Center personnel answer to service requests and dispatch KONE technicians to perform the Call-Out and Entrapment Rescue Services. Service requests for non-urgent Service Repair work is assigned to KONE field operations.
Labour for Call-outs Service	Call-out Service is designed to solve unexpected equipment failure, equipment stoppage or erratic operation, requiring immediate attention of a KONE Technician. Response Times are committed by KONE under mutual consent with customer.
Agreed Maintenance Times	Maintenance carried out during normal working hours (Monday - Saturday 08:30 - 17:30)

KONE Care™

GENERAL TERMS AND CONDITIONS FOR MAINTENANCE SERVICES

1 DEFINITIONS

The following defined words and phrases shall have the following meanings:

Term	Description
"Commencement Date"	The date of commencement of the Contract
"Contract"	The contract entered into between KONE and the CUSTOMER regarding the provision of Maintenance Services
"Contract Duration Period"	The duration period of the Contract as set out in the Contract.
"Equipment"	The elevators and escalators listed in the Contract, and related components and parts that are a part of the original supply.
"Legislative Requirements"	All applicable regulatory and legislative requirements, laws, statutes, regulations and requirements and/or orders set out by any competent authority.
"Maintenance Services"	All services to be performed by KONE with respect to the Equipment pursuant to the Contract
"Normal Working Hours"	The time as specified under the "Contract Details" section
"Party" or "Parties"	The CUSTOMER and/or KONE
"Price"	Consideration payable to KONE by the CUSTOMER for the performance of the Maintenance Services

2. PROVISION OF MAINTENANCE SERVICES BY KONE

KONE shall perform the Maintenance Services as agreed to in the Contract and in these General Terms and Conditions. In performing the said services, KONE shall take all reasonable steps to maintain the Equipment in proper operating condition. KONE shall use trained and appropriately supervised personnel to perform the Maintenance Services. The Maintenance Services shall be conducted during the Normal Working Hours. If not separately agreed, any work conducted outside the Normal Working Hours is not included in the Price and shall be invoiced separately. KONE during its normal working hours, shall send at regular intervals and as frequently as the Company thinks necessary , having regard to the age , nature and condition of the equipment (but not less than ___-/2-___ times per annum), a technician to systematically inspect, adjust and lubricate the parts of the equipment to the extent necessary to maintain the equipment in satisfactory working order. If not separately agreed, any work conducted outside the Normal Working Hours is not included in the Price and shall be invoiced separately. KONE will supply all lubricants (made as per standards of KONE) necessary for this purpose.

Upon notification by the customer of a breakdown or failure in the equipment, the KONE shall send, as soon as may reasonably be possible and during KONE's normal working hours, a technician to carry out necessary repairs in order to restore the equipment to satisfactory working condition.

KONE will carry out according to its standards customary annual safety test to examine all safety devices. KONE will not be required to make any other tests. KONE will neither be required to install new attachments nor to make replacements with parts of a different design to the equipment whether or not recommended or directed by Insurance Companies, or by Governmental or Non-Governmental authorities.

KONE is not expected to assume liability for injury (other than to its employees) or damage to property resulting from or caused by the equipment during its operation. KONE reserves the right to keep the control cubicle locked.
The Equipment under contract will remain out of commissioning while the maintenance process is being carried out .No one will be allowed to use the Equipment during this period.

3. PROVISIONS BY THE CUSTOMER

The CUSTOMER shall promptly inform KONE of any unsatisfactory operation or performance of the Equipment, any accidents or incidents involving the Equipment or any change in the use of the Equipment. The CUSTOMER shall provide a safe and adequate working environment for KONE personnel and reasonable access to carry out the Maintenance Services. The CUSTOMER shall be responsible for all wiring in the building structure and power supply necessary for the functioning of the Equipment. The CUSTOMER shall be responsible for any power supply fluctuations or failures causing damage to the Equipment. The CUSTOMER shall comply with all applicable Legislative Requirements, including occupational safety and health regulations.

The CUSTOMER shall keep sills, machine room and pit clean. The CUSTOMER shall instruct all persons using the equipment to use it all times in accordance with KONE's reasonable instructions. The CUSTOMER shall ensure to prevent misuse or vandalism of the equipment.

The CUSTOMER shall ensure that two trained persons in the building will be available for emergency rescue of trapped passengers. The CUSTOMER shall nominate two persons by name and designation for intimating breakdowns if any, to KONE with clear understanding that instructions of only such persons will be attended by KONE.

The CUSTOMER shall keep the m/c room under lock and key.

The CUSTOMER shall not to allow any other person, either his own or a third party to meddle with, repair or rectify any of the equipment components during the subsistence of this contract with the explicit understanding that any breach of this clause will relieve KONE of all further obligations under this contract.

4. PAYMENT AND ADJUSTMENT OF PRICE

Unless otherwise stipulated in the Contract, the Price is due annually in advance by means of cheque / DD shall be settled against submission of pro-forma invoice OR within 5 days from receipt of the invoice by the CUSTOMER. The Price is exclusive of Taxes as applicable. The Price may be adjusted annually by KONE in accordance with any increase in the cost of performing the Maintenance Services during any invoicing period. Any such variations will be made according to the price adjustment percentage agreed between the Parties. Further, KONE reserves the right to adjust the Price in the event the main purpose of use of the Equipment materially changes during the Contract Duration Period or in the event new Legislative Requirements enter into force which materially change the scope of the Maintenance Services or the costs of providing the said services.
The CUSTOMER shall pay in addition to the contract price mentioned here, any tax imposed upon the CUSTOMER, or KONE or KONE's suppliers by any existing or future law, or under any statute court decision, rule or regulations becoming effective after the date of this proposal which is based upon or incident to the use, ownership or possession of the materials or equipment involved in the performance here of or service rendered hereunder.

5. DELAYED PAYMENT BY THE CUSTOMER
If the payment of any amount due under the Contract is delayed, KONE shall be entitled to charge interest on such sum at the rate of eighteen per cent (18%) per annum on amount unpaid as per payment terms after date of invoice. KONE shall also have the right, without prejudice to other remedies, to suspend immediately the provision of the Maintenance Services until the payments due to KONE (with interest) have been paid in full.

6. KONE PARTS AND COMPONENTS

All parts and components fitted by KONE will be original parts or components. If original parts or components are not available, the parts or components fitted will be of equal quality and functionality. KONE's liability to the CUSTOMER for any defects in design, materials or workmanship relating to parts and components shall be limited to the replacement of spare parts or components as defined by this Article 6.

a) If any component is rendered defective affecting equipment performance, repair or replacement of the component will be done on a chargeable basis. Any replacement which is less than Rs. 500/- will be carried out without prior sanction and a bill will be submitted. For repair or replacement value more than Rs. 500/- prior approval will be taken. Approvals must be given within 2 days of notice failing which KONE will not be responsible for any consequent breakdown or accident and such breakdowns will be attended on a chargeable basis.

Any other equipment or accessory not forming part of the initial supply of the equipment although provided as a necessary accessory by or to the customer .This includes Accessories such as EBD / KRD , Intercom , LAS BMS,DCS,E-Link & Group Indicators

b) It is hereby specifically agreed that KONE would not in any way be liable to replace or repair free of charge, under this contract any damage caused to all or part of the equipment as a consequence of a faulty electrical system, fire , water seepage flooding etc In such an event all repairs and replacements as may be necessitated would be carried out at the cost and expense of the customer. It is recommended that the customer should take adequate protection from Insurance or similar companies" to safe guard the equipment for damages that would occur due to such causes. In such an event the cost of repair or replacement should be reimbursed to KONE without any conditions or limitations

c) In the event KONE consider themselves unable to supply any materials or parts due to obsolescence or if they have been permanently taken out of production by the original supplier then this agreement shall forthwith terminate without prejudice to KONE's accrued rights and without any liability to KONE for such termination.

7. LIMITATION OF LIABILITY
Notwithstanding any other provisions or indemnities in this Contract, in no event shall KONE be liable to the other party for any loss of profit, use, contracts, business, customers, good will, contractual liabilities of others or for any indirect or consequential loss or damage, which may be suffered by the other party in connection with the Contract. KONE's maximum aggregate liability under or in relation with this Contract shall in no event exceed an amount equal to one year's Contract value per equipment.

8. FORCE MAJEURE AND RELEASE FROM RESPONSIBILITY

KONE shall not be liable for any failure to fulfill any of its obligations under the Contract to the extent that such fulfilment is prevented by circumstances beyond KONE's reasonable control, including but not limited to acts of God, epidemic, acts of government, war, civil commotion, terrorism, material shortages, transportation delays, labour unrest, theft, vandalism, misuse of Equipment, failure of incoming power supply, fire, flood, adverse climate conditions or natural disasters.

9. PROPERTY RIGHTS

The proprietary rights to any drawings, technical documentation, software or other intellectual property provided by KONE in the course of and in connection with performance of the Maintenance Services, shall remain solely with KONE.KONE is not expected to assume possession or Management of any part of the equipment and the customer remains exclusively as the owner.

10. TERMINATION OF CONTRACT

The Contract shall remain in force for the Contract Duration Period, unless cancelled in writing by either party ninety (90) days prior to the desired date of termination. Either Party may terminate the Contract, without satisfying the above time requirements, by giving a written notice to the other Party in the event that the other Party goes into liquidation either compulsorily or voluntarily, or a receiver, administrator or administrative receiver is appointed in respect of the whole or any part of its assets, or if the other Party commits a material breach of the Contract and the said breach has not been remedied within thirty (30) days after receipt of written notice setting forth particulars describing the alleged breach. Further, KONE has the right to terminate the Contract in the event the main purpose of use of the Equipment has materially changed during the Contract Duration Period or the Equipment is serviced or repaired by a third party without the prior written approval by KONE during the Contract Duration Period or the ownership of the building where the Equipment is located is changed.

In the event that the Contract is terminated by either Party as set out above, the CUSTOMER's obligations to make payments due under the Contract shall survive the termination and KONE shall be entitled to receive payments from the CUSTOMER for any Maintenance Services performed before the effective date of termination. KONE in turn, shall return any payments made by the CUSTOMER for Maintenance Services not yet performed, except in the event

of termination due to the CUSTOMER's default. In the event the Contract is terminated for any reason whatsoever any Equipment specific maintenance productivity tools will be removed unless the Customer wishes to purchase such tools at the prevailing market price.

In all circumstances where the Contract is terminated other than for KONE's breach, insolvency or repudiation, a termination fee shall become payable by the CUSTOMER, without prejudice to any of KONE's other rights. The said termination fee is equal to 30% of the Price payable by the Customer for the remaining term of the Contract but for the termination. The Parties agree that the said termination fee is a reasonable pre-estimate of the loss suffered by KONE as a result of the termination.

11. APPLICABLE LAW

In the event of difference or dispute arising out of, under or in connection with this contract / agreement, over the right of obligation of parties hereto, the dispute or difference shall be referred to the Arbitration of a Sole Arbitrator, to be appointed by KONE. The Contract will be governed by the laws of India and the courts of Chennai shall have sole jurisdiction over any disputes between the Parties relating to the Contract, and the Provisions of the Arbitration & Conciliation Act 1996 shall be applicable to such Arbitration.

12. RESCUE TRAINING

As a part of maintenance, KONE intends to provide basic training to CUSTOMER with respect to rescuing passengers entrapped in elevators under certain limited circumstances.
The objective of providing rescue training is to enable the CUSTOMER to understand and identify the risks involved in relation to elevator entrapment situations and related rescue operations, what kind of rescue operation is needed, whether the needed rescue operation can be conducted by the CUSTOMER, and further provide knowledge and teach practical skills needed in the rescue operations. The training would include on site demonstration of limited rescue operations that needs to be taken into account when rescuing passengers including the "dos and don'ts".
This training shall be provided by KONE to the CUSTOMER as a one-time exercise free of cost at the request of CUSTOMER, for any two of the representatives nominated by the CUSTOMER. Subsequent training required to be provided by KONE at any future point of time shall be chargeable on a mutually agreeable basis.
After providing training, KONE and CUSTOMER shall record the fact of having provided such basic training in the format prescribed by KONE. This shall include the names and positions of the CUSTOMER's representative who have participated in the said training. KONE shall always keep the determining record of who have participated in the training. The CUSTOMER or their representative who has been so trained can thereafter engage in rescuing passengers entrapped in an elevator using solely the methods as trained by KONE.
The CUSTOMER and their representatives acknowledge and understand that they shall not engage in rescue operations for which they are not trained and shall not attempt to rescue any persons following processes, other than those for which they have been trained by KONE. This training shall be valid only for the validity of this contract.
CUSTOMER hereby voluntarily release, forever discharge and agree to indemnify and hold harmless KONE, its directors, officers, employees, agents, subcontractors, volunteers and all other persons or entities acting in any capacity on behalf of KONE from any and all liability, claims, demands or causes of action which may be in any way connected with the participation of the CUSTOMER and/or their representatives in the training activity including all such claims which allege negligent acts or omissions of KONE.
It is specifically agreed that the training provided by KONE shall not absolve the CUSTOMER or their representatives from any negligent and/or any acts of omission or commission that may result in any accident / cause damage either to the entrapped passengers or to the property. KONE shall not be held responsible for any consequences arising out of rescue undertaken by the CUSTOMER or their representatives whether the rescue is happening before, during or after any training provided by KONE. CUSTOMER agrees to indemnify KONE, its directors, officers, employees, agents, subcontractors, volunteers and all other persons or entities acting in any capacity on behalf of KONE against claims, demand, prosecution and/or any charge arising therefrom.

13. MISCELLANEOUS

The Contract constitutes the entire agreement between the Parties, and supersedes all prior negotiations, understandings, representations, and agreements between the Parties, if any. The CUSTOMER represents and warrants that in deciding to enter into the Contract, the CUSTOMER has not relied on any information supplied or statements made by KONE except those set forth in the Contract. The Contract may be amended or varied only by a written instrument signed by duly authorised representatives of both Parties. Any purchase order issued by the CUSTOMER in connection with the Maintenance Services shall be deemed to be issued for the CUSTOMER's administrative billing purposes only, and the Parties hereby intend that the terms and conditions of the Contract shall exclusively govern any services to be provided hereunder. None of the conditions of the Contract shall be considered waived by either Party unless such waiver is given in writing by the Party. No such waiver shall be a waiver of any past or future default, breach or modification of any of the conditions of the Contract, unless expressly stipulated in such waiver. This Contract can be freely assigned by KONE to any other company within the KONE group without the prior consent of the Customer. Notwithstanding any transfer of ownership of the building where the Equipment is located or change of the property manager of the said building, this Contract will continue in full force and effect until the end of the Contract Duration Period.

For KONE Elevator India Pvt. Ltd.

S.S. Komaresh
Engineering Service

For KONE Elevator India Pvt Ltd

Signed For Customer

JOE ASSOCIATES

CONSULTING ARCHITECTS, ENGINEERS & VALUERS

BERACHAH TOWER, CHIRAYANKUZHI JN., KANJIRACODE P.O, PIN : 629 155.

Ph : (O) 04651 - 271080, (R) 273080 Mob : 9443607580, Email : pisonjoe@yahoo.com.

Er. J. PISON JOE, B.Sc., B.E., M.I.E., C.Eng (I)., F.I.V. Website : www.joeassociates.com

Govt. Regd. Engineer | Govt. Regd. Valuer | Indian Bank Panel Valuer | Karnataka Bank Panel Valuer | Federal Bank Panel Valuer
Chartered Engineer | Approved Valuer | H.D.F.C. Panel Valuer | Corparation Bank Panel Valuer | S.B.I. Panel Valuer | L.I.C. Panel Valuer

STATEMENT ACCOMPANYING FORM - A

S2/C/16

1. Door Numbers of Building	:	**3 - 101,. 3 - 101 /2 & 3**
2. Location (street no., ward no.) Name of place i.e Corp./ Municipality / Panchayat Union / Township	:	**Sarada Krishna Homeopathic Medical College,**
	:	Kulasekharam, R.S. Nos: **392** / 2 A & 2B2
3. Year of Construction	:	2000
4. Approximate cost of construction as per current rates	:	₹ 2,10,00,000/-
5. Purpose for which the building is being used or proposed to be used.	:	College.
6. Purpose for which the building has hither to been Used.	:	College.
7. Details of construction of the building (particulars of the foundation soil, specification of the various parts under)	:	
i. Foundation	:	R.C.C. Column Footing
ii. Basement	:	R.R.M. in Cement Mortar
iii. Superstructure	:	R.C.C. Framed Structure & C.B.. in C.M.
iv. Floor	:	Partly Ceramic Tiles & Cement
v. Roof	:	R.C.C.
8. Period for which license is required	:	**01.04.2018 to 31.03.2021** (Three Years)
9. Number of persons to be accommodated	:	**700** Nos.

Date: 05.03.2018

Govt. Registered Engineer

Certified that no addition or alteration has been made to the existing building or portion of the building for which this application has been made. I undertake to obtain fresh license, in case addition or alteration is made to the existing building or portion of the building. I also undertake to obtain fresh license, if the purpose for which the license was granted for the use of the building originally is changed or altered subsequently.

Date: 05.03.2018

Signature of the owner of the building

FORM – B

Form of certificate of Structural Soundness under sub-section 4 of the Madras Public Buildings (Licensing) Act 1965, (Madras Act 13 of 1965) referred to in Rule of the Madras Public Building (Licensing) Rules 1966.

I certify that I have inspected the buildings mentioned in the statement and furnish below its technical features:

1. FOUNDATION

i.	Depth below Ground Level	: 2.10m
ii.	Nature of soil met with at foundation level	: Hard Gravelly Soil
iii.	Pressure of foundation	: 34.25 t/m^2
iv.	Probable S.B Capacity of the strata met with at foundation	: 45 t/m^2

2. SUPERSTRUCTURE

i.	Maximum stress in the most critical section of masonry and Concrete	: Does not arise since it is a framed structure
ii.	Nature of masonry and Concrete and its safe permissible stress	: -----

The structural soundness of the building has been verified by me with reference to ISI loading standard 875 (Latest version) and other relevant INDIAN STANDARDS CODE OF PRACTICE and I declare the building is structurally sound to be used as Public Building for the purpose noted in the statement. A license may be granted for the period from **01.04.2018 to 31.03.2021** (Three Years)

05/03/18

Date: 05.03.2018

Govt. Registered Engineer

FORM - C

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location of the Building Door No., Street and Place.	Age of the building	No. of stories	Short description	Certified purpose the building stability	Certified period for the building stability	No. of persons to be accommodated	Remarks
3 -101, 3-101/2 & 3 Sarada Krishna Homeopathic Medical College, Kulasekharam, R.S.Nos: 392/2 A & 2B2	17 Years	G.F., F.F. S.F. & T.F. Four stories	R.C.C. framed structure, partly Country wood & Steel doors, windows R.C.C. roof	College	**01.04.2018** to **31.03.2021** (Three Years)	**700** Nos.	-----

05/03/18

Date: 05.03.2018

Govt. Registered Engineer

JOE ASSOCIATES

CONSULTING ARCHITECTS, ENGINEERS & VALUERS

BERACHAH TOWER, CHIRAYANKUZHI JN., KANJIRACODE P.O, PIN : 629 155.

Ph : (O) 04651 - 271080, (R) 273080 Mob : 9443607580, Email : pisonjoe@yahoo.com.

Website : www.joeassociates.com

Er. J. PISON JOE, B.Sc., B.E., M.I.E., C.Eng (I)., F.I.V.

Govt. Regd. Engineer | Govt. Regd. Valuer | Indian Bank Panel Valuer | Karnataka Bank Panel Valuer | Federal Bank Panel Valuer

Chartered Engineer | Approved Valuer | H.D.F.C. Panel Valuer | Corparation Bank Panel Valuer | S.B.I. Panel Valuer | L.I.C. Panel Valuer

STATEMENT ACCOMPANYING FORM - A

S1/C/18

1. Door Number of Building	:	**3 - 101/ 5 & 6**
2. Location (street no., ward no.) Name of place i.e Corp./ Municipality / Panchayat Union / Township	:	**Sarada Krishna Homeopathic Medical College Hospital,**
	:	Kulasekharam, R.S. Nos: **392** / 2A & 2B
3. Year of Construction	:	2006
4. Approximate cost of construction as per current rates	:	₹ 1,80,00,000/-
5. Purpose for which the building is being used or proposed to be used.	:	Hospital.
6. Purpose for which the building has hither to been Used.	:	Hospital.
7. Details of construction of the building (particulars of the foundation soil, specification of the various parts under)	:	
i. Foundation	:	R.C.C. Column Footing.
ii. Basement	:	R.R.M. in Cement Mortar.
iii. Superstructure	:	R.C.C. Framed Structure & C.B.. in C.M.
iv. Floor	:	Partly Ceramic Tiles & Cement
v. Roof	:	R.C.C.
8. Period for which license is required	:	**01.04.2018 to 31.03.2021** (Three Years)
9. Number of persons to be accommodated	:	**500** Nos.

Date: 05.03.2018

Govt. Registered Engineer

Certified that no addition or alteration has been made to the existing building or portion of the building for which this application has been made. I undertake to obtain fresh license, in case addition or alteration is made to the existing building or portion of the building. I also undertake to obtain fresh license, if the purpose for which the license was granted for the use of the building originally is changed or altered subsequently.

Date: 05.03.2018

Signature of the owner of the building

FORM – B

Form of certificate of Structural Soundness under sub-section 4 of the Madras Public Buildings (Licensing) Act 1965, (Madras Act 13 of 1965) referred to in Rule of the Madras Public Building (Licensing) Rules 1966.

I certify that I have inspected the buildings mentioned in the statement and furnish below its technical features:

1. FOUNDATION

i.	Depth below Ground Level	: 2.10m
ii.	Nature of soil met with at foundation level	: Hard Gravelly Soil
iii.	Pressure of foundation	: 36.82 t/m^2
iv.	Probable S.B Capacity of the strata met with at foundation	: 45 t/m^2

2. SUPERSTRUCTURE

i.	Maximum stress in the most critical section of masonry and Concrete	: Does not arise since it is a framed structure
ii.	Nature of masonry and Concrete and its safe permissible stress	: -----

The structural soundness of the building has been verified by me with reference to ISI loading standard 875 (Latest version) and other relevant INDIAN STANDARDS CODE OF PRACTICE and I declare the building is structurally sound to be used as Public Building for the purpose noted in the statement. A license may be granted for the period from **01.04.2018 to 31.03.2021** (Three Years)

05/03/18

Date: 05.03.2018

Govt. Registered Engineer

FORM - C

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location of the Building Door No., Street and Place.	Age of the building	No. of stories	Short description	Certified purpose the building stability	Certified period for the building stability	No. of persons to be accommodated	Remarks
3 - 101/ 5 & 6 Sarada Krishna Homeopathic Medical College Hospital, Kulasekharam, R.S.Nos: 392/2 A & 2B2	11 Years	B.F. G.F. F.F. & S.F. Four stories	R.C.C. framed structure, partly Country wood & Steel doors, windows R.C.C. roof	Hospital	**01.04.2018 to 31.03.2021** (Three Years)	**500 Nos.**	—

05/03/18

Date: 05.03.2018

Govt. Registered Engineer

JOE ASSOCIATES

CONSULTING ARCHITECTS, ENGINEERS & VALUERS

BERACHAH TOWER, CHIRAYANKUZHI JN., KANJIRACODE P.O, PIN : 629 155.

Ph : (O) 04651 - 271060, (R) 273060 Mob : 9443607580, Email : pisonjoe@yahoo.com.

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Govt. Regd. Engineer | Govt. Regd. Valuer | Indian Bank Panel Valuer | Karnataka Bank Panel Valuer | Federal Bank Panel Valuer | Chartered Engineer | Approved Valuer | H.D.F.C. Panel Valuer | Corparation Bank Panel Valuer | S.B.I. Panel Valuer | L.I.C. Panel Valuer

STATEMENT ACCOMPANYING FORM - A

S20/C/17

1. Door Number of Building	:	**3 – 101 / 1**
2. Location (street no. ward no.) Name of place i.e. Corp./ Municipality/ Panchayat Union / Township	:	**Sarada Krishna Homeopathic Medical College Gents Hostel,**
	:	Kulasekharam & P.O. R.S. Nos. 393 / 7
3. Year of Construction	:	G.F.; F.F.; S.F.;-2008, T.F.;- 2017
4. Approximate cost of construction as per current rates	:	Rs. 67,50,000/-
5. Purpose for which the building is being used or proposed to be used.	:	Gents Hostel
6. Purpose for which the building has hither to been used	:	Gents Hostel
7. Details of construction of the building (particulars of the foundation soil, specification of the various parts under):		
i. Foundation	:	R.C.C. Column Footing & R.R.M in C. M.
ii. Basement	:	R.C.C. Column & R.R.M. in C.M.
iii. Superstructure	:	R.C.C. Column & B.W. in C.M.
iv. Floor	:	Marble & Marbonite Flooring
v. Roof	:	R.C.C.
8. Period for which license is required	:	**01.08.2017 to 31.07.2020** (Three Years)
9. Number of persons to be accommodated	:	**100** Nos.

Date: 17.07.2017

Govt. Registered Engineer

Er.J.PISON JOE, B.Sc., B.E., M.I.E., F.I.V.
Govt. Regd. Engineer
Joe Associates
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-271060

Certified that no addition or alteration has been made to the existing building or portion of the building for which this application has been made. I undertake to obtain fresh license, in case addition or alteration is made to the existing building or portion of the building. I also undertake to obtain fresh license, if the purpose for which the license was granted for the use of the building originally is changed or altered subsequently.

Date: 17-07-17

Signature of the owner of the building

FORM – B

Form of certificate of Structural Soundness under sub-section 4 of the Madras Public Buildings (Licensing) Act 1965, (Madras Act 13 of 1965) referred to in Rule of the Madras Public Building Rules 1966.

I certify that I have inspected the buildings mentioned in the statement and furnish below its technical features:

1. FOUNDATION

i.	Depth below Ground Level	: 1.95 m
ii.	Nature of soil met with at foundation level	: Hard Gravelly Soil
iii.	Pressure of foundation	: 33.97 t/m^2
iv.	Probable S.B Capacity of the strata met with at foundation	: 45 t/m^2

2. SUPERSTRUCTURE

i.	Maximum stress in the most critical section of masonry and Concrete	: Does not arise since it is a framed structure
ii.	Nature of masonry and Concrete and its safe permissible stress	: -----

The structural soundness of the building has been verified by me with reference to ISI loading Standard 875 (Latest version) and other relevant INDIAN STANDARDS CODE OF PRACTICE and I declare the building is structurally sound to be used as Public Building for the purpose noted in the statement. A license may be granted for the period from **01.08.2017 to 31.07.2020** (Three Years)

17/07/17

Date: 17.07.2017

Govt. Registered Engineer

Er.J.PISON JOE, [illegible] F.I.V.
Govt. Registered Engineer
JOE ASSOCIATES
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-271080.

FORM – C

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location of the Building Door No., Street and Place.	Age of the building	No. of stories	Short description	Certified purpose the building stability	Certified period for the building stability	No. of persons to be accommodated	Remarks
D. No. 3 – 101 / 1 **Sarada Krishna Homeopathic Medical College, Gents Hostel,** Kulasekharam & P.O. R.S. No. 393 / 7	8 Years	G.F., F.F., S.F., & T.F.: Four stories	R.C.C. Framed Structure, Country wood doors, windows,	Gents Hostel	**01.08.2017 to 31.07.2020** (Three Years)	**100** Nos.	---

17/07/17

Date : 17.07.2017

Govt. Registered Engineer

Er.J.PISON JOE, B.E., M.I.E., F.I.V.
Govt. Registered Engineer
JOE ASSOCIATES
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-27108

JOE ASSOCIATES

CONSULTING ARCHITECTS, ENGINEERS & VALUERS

BERACHAH TOWER, CHIRAYANKUZHI JN., KANJIRACODE P.O, PIN : 629 155.

Ph : (O) 04651 - 271080, (R) 273080 Mob : 9443607580, Email : pisonjoe@yahoo.com.

Website : www.joeassociates.com

Er. J. PISON JOE, B.Sc., B.E., M.I.E., C.Eng (I)., F.I.V.

Govt. Regd. Engineer | Govt. Regd. Valuer | Indian Bank Panel Valuer | Karnataka Bank Panel Valuer | Federal Bank Panel Valuer
Chartered Engineer | Approved Valuer | H.D.F.C. Panel Valuer | Corparation Bank Panel Valuer | S.B.I. Panel Valuer | L.I.C. Panel Valuer

S30/C/17

STATEMENT ACCOMPANYING FORM - A

1.	Door Number of Building	: **3 – 101 / 4**
2.	Location (street no. ward no.) Name of place i.e. Corp./ Municipality/ Panchayat Union / Township	: **Sarada Krishna Homeopathic Medical College Ladies Hostel,** Kulasekharam P.O. R.S. Nos. 392 / 2A, 2B2
3.	Year of Construction	: Partly 2006 & 2011
4.	Approximate cost of construction as per current rates	: Rs. 97,60,000/-
5.	Purpose for which the building is being used or proposed to be used.	: Ladies Hostel
6.	Purpose for which the building has hither to been used	: Ladies Hostel
7.	Details of construction of the building (particulars of the foundation soil, specification of the various parts under):	
	i. Foundation	: R.C.C. Column Footing & R.R.M in C. M.
	ii. Basement	: R.C.C. Column & R.R.M. in C.M.
	iii. Superstructure	: R.C.C. Column & B.W. in C.M.
	iv. Floor	: Marble & Marbonite Flooring
	v. Roof	: R.C.C.
8.	Period for which license is required	: **01.08.2017 to 31.07.2020** (Three Years)
9.	Number of persons to be accommodated	: **500** Nos.

Date: 17.07.2017

Govt. Registered Engineer

Er.J.PISON JOE, B.Sc., B.E., M.I.E., C.Eng(I)., F.I.V.
Govt. Registered Engineer
JOE ASSOCIATES
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-271080.

Certified that no addition or alteration has been made to the existing building or portion of the building for which this application has been made. I undertake to obtain fresh license, in case addition or alteration is made to the existing building or portion of the building. I also undertake to obtain fresh license, if the purpose for which the license was granted for the use of the building originally is changed or altered subsequently.

Signature of the owner of the building

Date:

FORM – B

Form of certificate of Structural Soundness under sub-section 4 of the Madras Public Buildings (Licensing) Act 1965, (Madras Act 13 of 1965) referred to in Rule of the Madras Public Building Rules 1966.

I certify that I have inspected the buildings mentioned in the statement and furnish below its technical features:

1. FOUNDATION

i.	Depth below Ground Level	: 1.95 m
ii.	Nature of soil met with at foundation level	: Hard Gravelly Soil
iii.	Pressure of foundation	: 34.43 t/m^2
iv.	Probable S.B Capacity of the strata met with at foundation	: 45 t/m^2

2. SUPERSTRUCTURE

i.	Maximum stress in the most critical section of masonry and Concrete	: Does not arise since it is a framed structure
ii.	Nature of masonry and Concrete and its safe permissible stress	: ----

The structural soundness of the building has been verified by me with reference to ISI loading Standard 875 (Latest version) and other relevant INDIAN STANDARDS CODE OF PRACTICE and I declare the building is structurally sound to be used as Public Building for the purpose noted in the statement. A license may be granted for the period from **01.08.2017 to 31.07.2020** (Three Years)

14/07/17

Date: 17.07.2017

Govt. Registered Engineer

Er.J.PISON JOE,B.Sc.,B.E.,M.E.,(Ph.D),F.I.V.
Govt. Registered Engineer
JOE ASSOCIATES
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-271080.

FORM – C

STATEMENT TO ACCOMPANY THE CERTIFICATE OF STRUCTURAL SOUNDNESS

Location of the Building Door No., Street and Place.	Age of the building	No. of stories	Short description	Certified purpose the building stability	Certified period for the building stability	No. of persons to be accommodated	Remarks
D. No. 3 – 101 / 4 **Sarada Krishna Homeopathic Medical College, Ladies Hostel,** Kulasekharam P.O. R.S. Nos. 392 / 2A, 2B2	10 Years	G.F., F. F. S. F. & T. F. Four stories	R.C.C. Framed Structure, Country wood doors, windows,	Ladies Hostel	**01.08.2017 to 31.07.2020** (Three Years)	500 Nos.	----

JOE ASSOCIATES Consulting Engineers & Valuers Date ..... CHIRAYANKUZHI, MARTHANDAM

Date : 17.07.2017

Govt. Registered Engineer

Er.J.PISON JOE, B.Sc., B.E., M.I.E., C.Eng(I)., F.I.V.
Govt. Registered Engineer
JOE ASSOCIATES
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-276080.

JOE ASSOCIATES

CONSULTING ARCHITECTS, ENGINEERS & VALUERS

BERACHAH TOWER, CHIRAYANKUZHI Jn., KANJIRACODE P.O, PIN : 629 155.

Ph : (O) 04651 - 271080, (R) 273080 Mob : 9443607580, Email : pisonjoe@yahoo.com.

Er. J. PISON JOE, B.Sc., B.E., M.I.E., C.Eng(I)., F.I.V. Website : www.joeassociates.com

Govt. Regd. Engineer | Govt. Regd. Valuer | Income Tax Valuer | Indian Bank Panel Valuer | Karnataka Bank Panel Valuer | Federal Bank Panel Valuer | Chartered Engineer | Approved Valuer | H.D.F.C. Panel Valuer | Corp. Bank Panel Valuer | S.B.I. Panel Valuer | S.B.T. Panel Valuer | L.I.C. Panel Valuer |

22 - 03 - 2017

Completion Certificate

This is to certify that, the construction of the Hostel building bearing Door No. **3 – 101 / 4**, which is used for **Sarada Krishna Homeopathic Medical College Ladies Hostel,** in R.S. Nos.: 392 / 2 A & 2 B 2 at Kulasekharam, is **fully completed** during the year 2011, **in all aspects and fit for use and occupation.**

22/03/17

Signature

Er.J.PISON JOE, B.Sc., B.E., M.I.E., C.Eng(I)., F.I.V.
Govt. Registered Engineer
JOE ASSOCIATES
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-271080.

JOE ASSOCIATES

CONSULTING ARCHITECTS, ENGINEERS & VALUERS

BERACHAH TOWER, CHIRAYANKUZHI Jn., KANJIRACODE P.O, PIN : 629 155.

Ph : (O) 04651 - 271080, (R) 273080 Mob : 9443607580, Email : pisonjoe@yahoo.com.

Website : www.joeassociates.com

Er. J. PISON JOE, B.Sc., B.E., M.I.E., C.Engg(I)., F.I.V.

Govt. Regd. Engineer	Govt. Regd. Valuer	Income Tax Valuer	Indian Bank Panel Valuer	Karnataka Bank Panel Valuer	Federal Bank Panel Valuer
Chartered Engineer	Approved Valuer	H.D.F.C. Panel Valuer	Corp. Bank Panel Valuer	S.B.I. Panel Valuer	S.B.T. Panel Valuer	L.I.C. Panel Valuer

22 - 03 - 2017

Completion Certificate

This is to certify that, the construction of the Hostel building bearing Door No. **3 – 101 / 1,** which is used for **Sarada Krishna Homeopathic Medical College Gents Hostel,** in R.S. No.: 393 / 7 at Kulasekharam, is **fully completed** during the year 2008, **in all aspects and fit for use and occupation.**

22/03/17

CHIRAYANKUZHI, MARTHANDAM

Signature

Er.J.PISON JOE, B.E., F.I.V.
Govt. Registered Engineer
JOE ASSOCIATES
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-271080.

JOE ASSOCIATES

CONSULTING ARCHITECTS, ENGINEERS & VALUERS

BERACHAH TOWER, CHIRAYANKUZHI Jn., KANJIRACODE P.O, PIN : 629 155.

Ph : (O) 04651 - 271080, (R) 273080 Mob : 9443607580, Email : pisonjoe@yahoo.com.

Er. J. PISON JOE, B.Sc., B.E., M.I.E., C.Eng(I)., F.I.V. Website : www.joeassociates.com

Govt. Regd. Engineer | Govt. Regd. Valuer | Income Tax Valuer | Indian Bank Panel Valuer | Karnataka Bank Panel Valuer | Federal Bank Panel Valuer |
Chartered Engineer | Approved Valuer | H.D.F.C. Panel Valuer | Corp. Bank Panel Valuer | S.B.I. Panel Valuer | S.B.T. Panel Valuer | L.I.C. Panel Valuer |

22 - 03 - 2017

Completion Certificate

This is to certify that, the construction of the College Hospital building bearing Door Nos. **3 – 101 / 5 & 6**, which is used for **Sarada Krishna Homeopathic Medical College Hospital,** in R.S. Nos.: 392 / 2 A & 2 B at Kulasekharam, is **fully completed** during the year 2006, in **all aspects and fit for use and occupation.**

22/03/17

Signature

Er.J.PISON JOE, B.Sc., B.E., M.I.E., C.Eng(I)., F.I.V.
Govt. Registered Engineer
JOE ASSOCIATES
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-271080

JOE ASSOCIATES

CONSULTING ARCHITECTS, ENGINEERS & VALUERS

BERACHAH TOWER, CHIRAYANKUZHI Jn., KANJIRACODE P.O, PIN : 629 155.

Ph : (O) 04651 - 271080, (R) 273080 Mob : 9443607580, Email : pisonjoe@yahoo.com.

Er. J. PISON JOE, B.Sc., B.E., M.I.E., C.Eng(I)., F.I.V. Website : www.joeassociates.com

Govt. Regd. Engineer | Govt. Regd. Valuer | Income Tax Valuer | Indian Bank Panel Valuer | Karnataka Bank Panel Valuer | Federal Bank Panel Valuer |
Chartered Engineer | Approved Valuer | H.D.F.C. Panel Valuer | Corp. Bank Panel Valuer | S.B.I. Panel Valuer | S.B.T. Panel Valuer | L.I.C. Panel Valuer |

22 - 03 - 2017

Completion Certificate

This is to certify that, the construction of the college building bearing Door Nos. **3 - 101, 3 – 101 / 2 & 3**, which is used for **Sarada Krishna Homeopathic Medical College,** in R.S. Nos.: 392 / 2 A & 2 B 2 at Kulasekharam, is **fully completed** during the year 2000, **in all aspects and fit for use and occupation**

JOE ASSOCIATES 22/03/17

Signature

Er.J.PISON JOE, B.Sc., B.E., M.I.E., C.Eng(I)., F.I.V.
Govt. Registered Engineer
JOE ASSOCIATES
CHIRAYANKUZHI, MARTHANDAM Ph. 04651-271080.

From
Thiru V.Pandian, I.A.S.,
District Collector,
Kanniyakumari District,
Nagercoil.

To
Dr. J.Fish Joo, B.Sc., B.E., M.I.E., C.Engg.
Rotha Papr Store Building,
Marthanda-629165

El/88538/97 dt. 11-11-98

Sir,

Sub: Inclusion of the name of privae practising Engineer Class-I, confirmationletter requested-regarding.

Ref: Your letter dt. 30-10-98

It is hereby informed that you name has been included in the panel of Private practising Engineers under class-I in Kanniyakumari District as per letter No.AEE/T1/JE/41931/98 dated 6.7.98 of the Engineer-in-Chief, WRO &C.E. (General), P.W.D. Chennai.

Yours Faithfully,
/d/ A. Nataraja
for Collector

/t.c. h.o./

Head Assistant (E) 13/11

6

TAMIL NADU FIRE – RESCUE SERVICE

FIRE –LICENSE

(See Section 13)

L.Dis.No:2413/ A / 2019 Date : 22 .04.2019

Licence is hereby granted under section 13 of the Tamil Nadu Fire Service Act. 1985 to for Running Homoeopathic Medical College in the name of "M/s.Sarada Krishna Homoeopathic Medical College" within the Jurisdiction kalkulam Taluk at the Premises Door No.3-101, 3-101/ 2 & 3, 3-101/5 & 6 in Survey No.392/2A, 2B2 of Kulasekaram "B" Village, Kalkulam Taluk, Kanyakumari District. Subject to the Condition noted thereon and such other condition as may be prescribed.

This Fire Licence is valid for one year from the date of issue of this license.

CONDITIONS:

1) ***The Installed Fire Fighting Equipments should be maintained in good condition at all times.***
2) ***All exits should be free of obstructions. Exits should be clearly visible and the routes to reach the exit shall be clearly marked.***
3) ***Trained Fire personnel should be available to operate the Fire Fighting Equipments in case of any emergency***
4) ***"Mock Drill Should be conducted periodically and the date of conduction should be informed to this office well in advance to enable the team to make suggestions if any***
5) ***Dumping of waste materials anywhere should be avoided. Dust bin should be cleared frequently***
6) ***Any erection of permanent or temporary structure should be intimated to this department.***
7) ***Do s Don'ts in time of emergencies should be available in a laminated hanging card.***
8) ***Permission should be obtained from the Local Planning Authority/ Town and Country Planning Authority***

Office Seal with Date

22 APR 2019

District Officer
Fire & Rescue Services
Kanyakumari District, Nagercoil

To The Principal ,
M/s.Sarada Krishna Homoeopathic Medical College
Door No.3-101, 3-101/ 2 & 3, 3-101/5 & 6
Kulasekaram Village,
Kalkulam Taluk,
Kanyakumari District. 629 161

SARADA KRISHNA HOMOEOPATHIC MEDICAL COLLEGE HOSPITAL
25 MAY 2018
KULASEKHARAM

3392

Proceedings of the Tahsildar, Kalkulam
Present: Thiru.C.Raja., B.A.,

K.Dis. A6/5188/2018 Dated : 18.05.2018

Sub: Building License – Kalkulam Taluk – Kulasekharam 'B' Village – Saradha Krishna Homeopathic Medical College & Hospital, Kulasekharam - renewal of building Licence - order issued - regarding.

Ref: Connected records.

*****

Order:

Building Licence is favour of the Principal, Saradha Krishna Homeopathic Medical College & Hospital, Kulasekharam for the College Building bearing Door No. 3/101, 3-101/2&3 and the Hospital Building bearing Door No. 3-101/5&6 of Kulasekharam Town Panchayat. The Licence is valid for the period from 01.04.2018 to 31.03.2021. The Licence is issued under section 2 (i) of section 7 of the Tamil Nadu Building Licence Act, 1965, subject of the following conditions.

1. Saradha Krishna Homeopathic Medical College & Hospital, Kulasekharam authorities should not construct any roofs with materials which are easily inflammable and pose threat of fire menace after receipt of building licence.
2. They should maintain electrical connections properly and it should be fire free.
3. They should pave way to impart trainings to their staffs and enable them to do firefighting demonstrations in the event of contingencies.
4. They are solely responsible for any lapse on above lines if any fire mishap takes place in future.

The licence in form D is enclosed herewith.

Encl:- Form D.

Tahsildar,
Kalkulam.

To
The Principal,
Saradha Krishna Homeopathic Medical College & Hospital,
Kulasekharam.

FORM – D

Form of Licence under section (1) of Section 6 of the Madras Public Building (Licencing) ACT 1965 (Madras Act 19 of 1965) referred to the rule of the Madras Public Building Licencing Rules 1965.

Registration No. A6/5188/2018

License No. 34/2018
Fee Rs. 5000/-

Building Licence is here by granted Saradha Krishna Homeopathic Medical College & Hospital, Kulasekharam for the purpose and in respect of the building in the statement below and sent to the conditions and for the period mentioned here under.

Door.No. | Period

The period of validity of the Licence shall be from

3/101, 3-101/2&3 — 01.04.2018 to 31.03.2021
3-101/5&6 — 01.04.2018 to 31.03.2021

Tahsildar,
Kalkulam.

STATEMENT TO ACCOMPANY THE LICENSE

Location of the building (Door No. Street No. and Name of Place)	Purpose for which the building is licenced to be used as a public buildings	No. of persons to be accommodated
D.No. 3/101, 3-101/2&3	Educational Hospital	700
D.No. 3-101/5&6 of Kulasekharam Town Panchayat.		500

Tahsildar,
Kalkulam

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

Main Bld. Premises: Centenary Building (G. Flr), Door No. At: 100, W. Park Rd.,
Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram, Kanyakumari District, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004186F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-10	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142342

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/H S-003	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 20.2 **Humidity in RH % : 52.1**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

TransCal ★ BANGALORE Ph: 43688889 ★ Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	199.975	0.025
3	300	300.075	-0.075
4	500	500.780	-0.780
5	750	751.410	-1.410
6	1000	1002.160	-2.160
7	1500	1503.135	-3.135
8	2000	2004.240	-4.240

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
Class II	± (0.3 + 0.2L) mm
Class III	± (0.6 + 0.4L) mm

"L" is length of the measuring tape in meter

Maximum permissible error for Measures in Service is Equal to twice the maximum permissible error at the the time of intial verification.

Measurement Uncertainty is ± (565 +L/100) µm at 95% Confidence level , with k=1.96

Transcal ★ BANGALORE Ph: 43688889 ★ Measurement to Perfection

Calibrated By

Anandesh T N
(Calibration Engineer)

Checked By

Pavan P K
(Calibration Engineer)

Authorised By

Anandmurthy B.S
(Lab Incharge)

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

Main Bld. Premises: Centenary Building (G. Flr), Door No. At: 100, W. Park Rd.,
Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram, Kanyakumari District, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004179F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-11	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142343

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/H S-007	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 20.1 **Humidity in RH % : 52.1**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
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4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

TSC
A Calibration Lab

CAL CERT. NO : TSC/18-19/7168-11

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	199.980	0.020
3	300	300.050	-0.050
4	500	500.715	-0.715
5	750	751.095	-1.095
6	1000	1001.360	-1.360
7	1500	1502.065	-2.065
8	2000	2002.750	-2.750

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
Class II	± (0.3 + 0.2L) mm
Class III	± (0.6 + 0.4L) mm

"L" is length of the measuring tape in meter

Maximum permissible error for Measures in Service is Equal to twice the maximum permissible error at the the time of intial verification.

Measurement Uncertainty is ± (565 +L/100) µm at 95% Confidence level , with k=1.96

Transcal
BANGALORE
Ph: 43688889
Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

Main Bld. Premises : Centenary Building (G. Flr), Door No. At : 100, W. Park Rd.,
Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram, Kanyakumari District, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004180F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-12	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142344

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/H S-008	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 20.2 **Humidity in RH % : 52.0**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

TransCal ★ BANGALORE Ph: 43688889 ★ Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

TSC
A Calibration Lab

CAL CERT. NO : TSC/18-19/7168-12

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	200.020	-0.020
3	300	300.270	-0.270
4	500	501.105	-1.105
5	750	751.990	-1.990
6	1000	1002.680	-2.680
7	1500	1504.510	-4.510
8	2000	2005.555	-5.555

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
Class II	± (0.3 + 0.2L) mm
Class III	± (0.6 + 0.4L) mm

"L" is length of the measuring tape in meter

Maximum permissible error for Measures in Service is Equal to twice the maximum permissible error at the the time of intial verification.

Measurement Uncertainty is ± (565 +L/100) µm at 95% Confidence level , with k=1.96

Trans Cal
BANGALORE
Ph: 43688889
Measurement to Perfection

Calibrated By

Anandesh T N
(Calibration Engineer)

Checked By

Pavan P K
(Calibration Engineer)

Authorised By

Anandmurthy B.S
(Lab Incharge)

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

Main Bld. Premises : Centenary Building (G. Flr), Door No. At : 100, W. Park Rd.,
Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram,Kanyakumari District,Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004185F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-13	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142346

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: --	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 19.9 **Humidity in RH % : 52.0**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Transcal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

TSC
A Calibration Lab

CAL CERT. NO : TSC/18-19/7168-13

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	200.125	-0.125
3	300	299.865	0.135
4	500	499.625	0.375
5	750	749.830	0.170
6	1000	1000.190	-0.190
7	1500	1500.120	-0.120
8	2000	1999.915	0.085

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
Class II	± (0.3 + 0.2L) mm
Class III	± (0.6 + 0.4L) mm

"L" is length of the measuring tape in meter

Maximum permissible error for Measures in Service is Equal to twice the maximum permissible error at the the time of intial verification.

Measurement Uncertainty is ± (565 +L/100) µm at 95% Confidence level , with k=1.96

Trans L.C. BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By

Anandesh T N
(Calibration Engineer)

Checked By

Pavan P K
(Calibration Engineer)

Authorised By

Anandmurthy B.S
(Lab Incharge)

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

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Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram, Kanyakumari District, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004182F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-14	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142354

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/H S 005	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 19.9 **Humidity in RH % : 52.**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

TSC
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CAL CERT. NO : TSC/18-19/7168-14

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	200.005	-0.005
3	300	300.010	-0.010
4	500	500.070	-0.070
5	750	750.035	-0.035
6	1000	1000.020	-0.020
7	1500	1499.505	0.495
8	2000	1999.515	0.485

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
Class II	± (0.3 + 0.2L) mm
Class III	± (0.6 + 0.4L) mm

"L" is length of the measuring tape in meter

Maximum permissible error for Measures in Service is Equal to twice the maximum permissible error at the the time of intial verification.

Measurement Uncertainty is ± (565 +L/100) µm at 95% Confidence level , with k=1.96

Transcal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By

Anandesh T N
(Calibration Engineer)

Checked By

Pavan P K
(Calibration Engineer)

Authorised By

Anandmurthy B.S
(Lab Incharge)

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Measurement to Perfection...
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CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram, Kanyakumari District, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004184F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-15	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142356

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/H S 009	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 20.1 **Humidity in RH % : 51.8**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

TSC
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CAL CERT. NO : TSC/18-19/7168-15

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	199.935	0.065
3	300	300.190	-0.190
4	500	500.875	-0.875
5	750	751.385	-1.385
6	1000	1002.080	-2.080
7	1500	1503.295	-3.295
8	2000	2004.285	-4.285

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
Class II	± (0.3 + 0.2L) mm
Class III	± (0.6 + 0.4L) mm

"L" is length of the measuring tape in meter

Maximum permissible error for Measures in Service is Equal to twice the maximum permissible error at the the time of intial verification.

Measurement Uncertainty is ± (565 +L/100) µm at 95% Confidence level , with k=1.96

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By

Anandesh T N
(Calibration Engineer)

Checked By

Pavan P K
(Calibration Engineer)

Authorised By

Anandmurthy B.S
(Lab Incharge)

TSC
A Calibration Lab

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CC-2231

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram, Kanyakumari District, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004192F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-16	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142359

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/H S 006	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 19.8 **Humidity in RH % : 52.1**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

TransCal ★ BANGALORE Ph: 43688889 ★ Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	199.920	0.080
3	300	300.220	-0.220
4	500	500.890	-0.890
5	750	751.195	-1.195
6	1000	1001.620	-1.620
7	1500	1502.390	-2.390
8	2000	2003.375	-3.375

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
Class II	± (0.3 + 0.2L) mm
Class III	± (0.6 + 0.4L) mm

"L" is length of the measuring tape in meter

Maximum permissible error for Measures in Service is Equal to twice the maximum permissible error at the the time of intial verification.

Measurement Uncertainty is ± (565 +L/100) µm at 95% Confidence level , with k=1.96

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By

Anandesh T N
(Calibration Engineer)

Checked By

Pavan P K
(Calibration Engineer)

Authorised By

Anandmurthy B.S
(Lab Incharge)

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram, Kanyakumari District, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004177F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-17	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142346

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: --	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 19.8 **Humidity in RH % : 52.0**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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5. Calibration of the DUC are traceable to National/International Standards
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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

TransCal ★ BANGALORE Ph: 43688889 ★ Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	199.985	0.015
3	300	299.895	0.105
4	500	499.565	0.435
5	750	749.815	0.185
6	1000	999.315	0.685
7	1500	1499.225	0.775
8	2000	1999.154	0.846

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
Class II	± (0.3 + 0.2L) mm
Class III	± (0.6 + 0.4L) mm

"L" is length of the measuring tape in meter

Maximum permissible error for Measures in Service is Equal to twice the maximum permissible error at the the time of intial verification.

Measurement Uncertainty is ± (565 +L/100) µm at 95% Confidence level , with k=1.96

Trans Cal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By

Anandesh T N
(Calibration Engineer)

Checked By

Pavan P K
(Calibration Engineer)

Authorised By

Anandmurthy B.S
(Lab Incharge)

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Measurement to Perfection...
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Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin–560003
CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram,Kanyakumari District,Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004190F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-7	22 Oct 2018	22 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC82457

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Thermo Scientific	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 100-1000µl	**DUC Received**	: 12 Oct 2018
Sl No.	: NW 08991	**DUC Condition on Receipt**	: Satisfactory
ID No.	: --	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.8 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Janardhan S
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal Measurement to Perfection BANGALORE Ph 43688889

Authorised By
Shreyas B V
(Lab Incharge)

A Calibration Lab

CAL CERT. NO : TSC/18-19/7168-7

Range : 100-1000 µl

Increment : 1 µl

ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error, in ± in %
1	100	0.10021	100.51	100.65	0.65	0.13
2		0.10025	100.55			
3		0.10026	100.56			
4		0.10030	100.60			
5		0.10034	100.64			
6		0.10039	100.69			
7		0.10045	100.75			
8		0.10052	100.82			
9		0.10058	100.88			
10		0.10019	100.49			
11	500	0.50478	506.29	506.50	1.30	0.03
12		0.50483	506.34			
13		0.50489	506.40			
14		0.50496	506.47			
15		0.50503	506.54			
16		0.50507	506.58			
17		0.50512	506.63			
18		0.50519	506.70			
19		0.50524	506.75			
20		0.50476	506.27			
21	1000	1.00631	1009.33	1009.50	0.95	0.01
22		1.00638	1009.40			
23		1.00642	1009.44			
24		1.00647	1009.49			
25		1.00652	1009.54			
26		1.00655	1009.57			
27		1.00657	1009.59			
28		1.00664	1009.66			
29		1.00670	1009.72			
30		1.00629	1009.31			

Measurement Uncertainty : ± 0.20 µl

Conclusion / Remarks:

1. Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k= 2.26
2. Calibration is performed as per ISO 8655 - 6 : 2002 (E)
3. Gravimetric Method is adopted for calibration

Calibrated By

Janardhan S
(Calibration Engineer)

Checked By

Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE FI 43638829 Measurement to Perfection

Authorised By

Shreyas B V
(Lab Incharge)

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

Main Bld. Premises : Centenary Building (G. Flr), Door No. At : 100, W. Park Rd.,
Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram,Kanyakumari District,Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004189F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-6	22 Oct 2018	22 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC46517

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Astra	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 100-1000µl	**DUC Received**	: 12 Oct 2018
Sl No.	: DY03443	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/PPT-009	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.7 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019
2	Micro Balance	Sartorious	MC 21 S	16406121	TSC/17-18/INH/Mech-24	10 Mar 2019

Note :

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5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Janardhan S
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

A Calibration Lab

CAL CERT. NO : TSC/18-19/7168-6

Range : 100-1000 µl

Increment : 5 µl

ATM Pressure : 909.8 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error, in ± in %
1	100	0.10007	100.37	100.50	0.50	0.10
2		0.10011	100.41			
3		0.10016	100.46			
4		0.10020	100.50			
5		0.10021	100.51			
6		0.10027	100.57			
7		0.10028	100.58			
8		0.10032	100.62			
9		0.10035	100.65			
10		0.10005	100.35			
11	500	0.50028	501.78	501.90	0.38	0.02
12		0.50031	501.81			
13		0.50036	501.86			
14		0.50037	501.87			
15		0.50040	501.90			
16		0.50044	501.94			
17		0.50049	501.99			
18		0.50053	502.03			
19		0.50058	502.08			
20		0.50026	501.76			
21	1000	1.00028	1003.28	1003.40	0.34	0.01
22		1.00031	1003.31			
23		1.00035	1003.35			
24		1.00037	1003.37			
25		1.00042	1003.42			
26		1.00045	1003.45			
27		1.00049	1003.49			
28		1.00052	1003.52			
29		1.00060	1003.60			
30		1.00026	1003.26			

Measurement Uncertainty : ± 0.20 µl

Conclusion / Remarks:

1. Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k= 2.26
2. Calibration is performed as per ISO 8655 - 6 : 2002 (E)
3. Gravimetric Method is adopted for calibration

Calibrated By

Janardhan S
(Calibration Engineer)

Checked By

Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph 43688889 Measurement to Perfection

Authorised By

Shreyas B V
(Lab Incharge)

TSC
A Calibration Lab

TransCal

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CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram,Kanyakumari District,Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004178F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-5	22 Oct 2018	22 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC108503

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Thermo Scientific	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 5-50µl	**DUC Received**	: 12 Oct 2018
Sl No.	: NW05491	**DUC Condition on Receipt**	: Satisfactory
ID No.	: --	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.8 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019
2	Micro Balance	Sartorious	MC 21 S	16406121	TSC/17-18/INH/Mech-24	10 Mar 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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5. Calibration of the DUC are traceable to National/International Standards
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7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Janardhan S
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

TSC
A Calibration Lab

CAL CERT. NO : TSC/18-19/7168-5

Range : 5 - 50 µl

Increment : 0.1 µl

ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error, in ± in %
1	5	0.004689	4.703	4.722	-5.56	0.30
2		0.004697	4.711			
3		0.004699	4.713			
4		0.004705	4.719			
5		0.004711	4.725			
6		0.004718	4.732			
7		0.004719	4.733			
8		0.004723	4.737			
9		0.004727	4.741			
10		0.004689	4.703			
11	25	0.02533	25.41	25.55	2.20	0.43
12		0.02537	25.45			
13		0.02542	25.50			
14		0.02549	25.57			
15		0.02550	25.58			
16		0.02551	25.59			
17		0.02556	25.64			
18		0.02559	25.67			
19		0.02564	25.72			
20		0.02533	25.41			
21	50	0.05046	50.61	50.71	1.43	0.17
22		0.05049	50.64			
23		0.05050	50.65			
24		0.05053	50.68			
25		0.05058	50.73			
26		0.05062	50.77			
27		0.05062	50.77			
28		0.05067	50.82			
29		0.05068	50.83			
30		0.05046	50.61			

Measurement Uncertainty : ± 0.12 µl

Conclusion / Remarks:

1. Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k= 2.23
2. Calibration is performed as per ISO 8655 - 6 : 2002 (E)
3. Gravimetric Method is adopted for calibration

Calibrated By

Janardhan S
(Calibration Engineer)

Checked By

Chitra

Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Protection ★ BANGALORE Ph: 43688883

Authorised By

Shreyas B V
(Lab Incharge)

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram,Kanyakumari District,Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004187F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-4	22 Oct 2018	22 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC81206

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Labopette	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 500µl	**DUC Received**	: 12 Oct 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/PPT-008	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.9 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Janardhan S
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

TSC
A Calibration Lab

Results:

Range : 500 µl ATM Pressure : 909.9 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error in ± in %
1	500	0.49967	501.17	501.35	0.27	0.03
2		0.49970	501.20			
3		0.49976	501.26			
4		0.49981	501.31			
5		0.49989	501.39			
6		0.49993	501.43			
7		0.49997	501.47			
8		0.50005	501.55			
9		0.50012	501.62			
10		0.49965	501.15			

Measurement Uncertainty : ± 0.20 µl

Conclusion / Remarks:

1. Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k = 2.26
2. Calibration is performed as per ISO 8655 - 6 : 2002 (E)
3. Gravimetric Method is adopted for calibration

Calibrated By

Janardhan S
(Calibration Engineer)

Checked By

Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph 43686833

Authorised By

Shreyas B V
(Lab Incharge)

TransCal
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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram,Kanyakumari District,Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004188F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-3	22 Oct 2018	22 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC106591

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Astra	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 5-50µl	**DUC Received**	: 12 Oct 2018
Sl No.	: DY 21026	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/PPT-002	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.8 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019
2	Micro Balance	Sartorious	MC 21 S	16406121	TSC/17-18/INH/Mech-24	10 Mar 2019

Note :

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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Janardhan S
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

Range : 5 - 50 µl

Increment : 0.1 µl

ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error, in ± in %
1	5	0.004928	4.943	4.960	-0.80	0.29
2		0.004931	4.946			
3		0.004937	4.952			
4		0.004942	4.957			
5		0.004949	4.964			
6		0.004952	4.967			
7		0.004955	4.970			
8		0.004964	4.979			
9		0.004968	4.983			
10		0.004928	4.943			
11	25	0.02517	25.25	25.36	1.42	0.36
12		0.02520	25.28			
13		0.02522	25.30			
14		0.02526	25.34			
15		0.02529	25.37			
16		0.02534	25.42			
17		0.02535	25.43			
18		0.02537	25.45			
19		0.02543	25.51			
20		0.02517	25.25			
21	50	0.05064	50.79	50.89	1.79	0.17
22		0.05067	50.82			
23		0.05068	50.83			
24		0.05072	50.87			
25		0.05076	50.91			
26		0.05079	50.94			
27		0.05080	50.95			
28		0.05083	50.98			
29		0.05089	51.04			
30		0.05064	50.79			

Measurement Uncertainty : ± 0.12 µl

Conclusion / Remarks:

1 Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k= 2.23

2 Calibration is performed as per ISO 8655 - 6 : 2002 (E)

3 Gravimetric Method is adopted for calibration

Calibrated By

Janardhan S
(Calibration Engineer)

Checked By

Chitrangadha P R
(Sr.Calibration Engineer)

Authorised By

Shreyas B V
(Lab Incharge)

TransCal
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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram,Kanyakumari District,Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004183F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-2	22 Oct 2018	22 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC46528

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Astra	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 500µl	**DUC Received**	: 12 Oct 2018
Sl No.	: DX81325	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/PPT-011	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.7 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019

Note :

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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Janardhan S
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

Results:

Range : 500 µl ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error in ± in %
1	500	0.49959	501.09	501.22	0.24	0.02
2		0.49962	501.12			
3		0.49967	501.17			
4		0.49970	501.20			
5		0.49971	501.21			
6		0.49978	501.28			
7		0.49979	501.29			
8		0.49986	501.36			
9		0.49993	501.43			
10		0.49957	501.07			

Measurement Uncertainty : ± 0.20 µl

Conclusion / Remarks:

1 Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k = 2.23

2 Calibration is performed as per ISO 8655 - 6 : 2002 (E)

3 Gravimetric Method is adopted for calibration

Calibrated By
Janardhan S
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph: 43688889

Authorised By
Shreyas B V
(Lab Incharge)

TSC
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TransCal

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram,Kanyakumari District,Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004181F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-1	22 Oct 2018	22 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC46534

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Dragon Lab	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 1000µl	**DUC Received**	: 12 Oct 2018
Sl No.	: YE5A481592	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/PPT-007	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.7 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
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7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Janardhan S
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

Results:

Range : 1000 µl

ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error in ± in %
1	1000	1.00007	1003.07	1003.23	0.32	0.01
2		1.00015	1003.15			
3		1.00021	1003.21			
4		1.00020	1003.20			
5		1.00026	1003.26			
6		1.00027	1003.27			
7		1.00030	1003.30			
8		1.00034	1003.34			
9		1.00042	1003.42			
10		1.00005	1003.05			

Measurement Uncertainty : ± 0.20 µl

Conclusion / Remarks:

1 Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k = 2.23

2 Calibration is performed as per ISO 8655 - 6 : 2002 (E)

3 Gravimetric Method is adopted for calibration

Calibrated By

Janardhan S
(Calibration Engineer)

Checked By

Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ Measurement in Perfection ★ BANGALORE Ph 43688889

Authorised By

Shreyas B V
(Lab Incharge)

TransCal
Measurement to Perfection...
Main Bld.Premises: Centenary Building (G.Flr), Door No.At:100, W.Park Rd.,
Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin–560003
CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram,Kanyakumari District,Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004193F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-9	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142341

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	:	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/H S-002	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 20.1 **Humidity in RH % : 52.0**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	199.980	0.020
3	300	300.195	-0.195
4	500	500.640	-0.640
5	750	750.015	-0.015
6	1000	1001.220	-1.220
7	1500	1501.875	-1.875
8	2000	2002.835	-2.835

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
Class II	± (0.3 + 0.2L) mm
Class III	± (0.6 + 0.4L) mm

"L" is length of the measuring tape in meter

Maximum permissible error for Measures in Service is Equal to twice the maximum permissible error at the the time of intial verification.

Measurement Uncertainty is ± (565 +L/100) µm at 95% Confidence level , with k=1.96

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By

Anandesh T N
(Calibration Engineer)

Checked By

Pavan P K
(Calibration Engineer)

Authorised By

Anandmurthy B.S
(Lab Incharge)

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

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Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homoeopathic Medical College Hospital**
Kulashekaram, Kanyakumari District, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/7168 **Dated :** 12 Oct 2018

ULR.NO CC223118000004191F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/7168-8	13 Oct 2018	13 Oct 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC142340

Nomenclature	: Height Scale	**No. of Pages**	: 2
Make	: Biocon	**Cal Procedure No.**	: TSC/CAL/428
Model/Range	: 0-200cm	**DUC Received**	: 12 Oct 2018
Sl No.	:	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/H S001	**Cal At**	: Dimensional Lab

Environmental Conditions : Temperature in °C : 20.1 **Humidity in RH % : 52.0**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Length Measuring Machine	ME	0-1000 mm	010300	CGIL/2017/0422/C-001	21 Apr 2019

Note :

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9. Nabl-133 guidelines are adopted for use of NABL symbol.

TransCal ★ BANGALORE Ph: 43688889 ★ Measurement to Perfection

Calibrated By	Checked By	Authorised By
Anandesh T N	Pavan P K	Anandmurthy B.S
(Calibration Engineer)	(Calibration Engineer)	(Lab Incharge)

Range: 0 - 2000 mm

L.C.: 1 mm

Results:

Sl. No.	DUC Marking in mm	STD Readings in mm	Error Observed in mm
1	150	150.000	0.000
2	200	200.035	-0.035
3	300	300.365	-0.365
4	500	501.030	-1.030
5	750	751.785	-1.785
6	1000	1001.595	-1.595
7	1500	1503.030	-3.030
8	2000	2004.245	-4.245

Conclusion/ Remarks:

Limits of Tolerance as per IS:1269-1997

Class	Maximum permissible error for intial verification
Class I	± (0.1 + 0.1L) mm
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Class III	± (0.6 + 0.4L) mm

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Transcal BANGALORE Ph: 43688889 Measurement to Perfection

Calibrated By

Anandesh T N
(Calibration Engineer)

Checked By

Pavan P K
(Calibration Engineer)

Authorised By

Anandmurthy B.S
(Lab Incharge)

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Measurement to Perfection...
Main Bld. Premises : Centenary Building (G. Flr), Door No. At : 100, W. Park Rd.,
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CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **SARADA KRISHNA HOMOEOPATHIC MEDICAL HOSPITAL**
Kulashekaram, Kanyakumari Distric, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/6688 **Dated :** 27 Sep 2018

ULR.NO CC223118000002325F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/6688-7	04 Oct 2018	04 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC140375

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Accuvet	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 25µl	**DUC Received**	: 27 Sep 2018
Sl No.	:	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/PPT004	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.9 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

TSC
A Calibration Lab

Results:

Range : 25 µl

ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error in ± in %
1	25	0.02467	24.74	24.86	-0.56	0.40
2		0.02471	24.78			
3		0.02473	24.80			
4		0.02474	24.81			
5		0.02479	24.86			
6		0.02482	24.89			
7		0.02488	24.95			
8		0.02490	24.97			
9		0.02495	25.02			
10		0.02467	24.74			

Measurement Uncertainty : ± 0.15 µl

Conclusion / Remarks:

1 Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k = 1.96

2 Calibration is performed as per ISO 8655 - 6 : 2002 (E)

3 Gravimetric Method is adopted for calibration

Calibrated By
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph 43688889

Authorised By
Shreyas B V
(Lab Incharge)

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CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. SARADA KRISHNA HOMOEOPATHIC MEDICAL HOSPITAL
Kulashekaram, Kanyakumari Distric, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/6688 **Dated :** 27 Sep 2018

ULR.NO CC223118000002326F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/6688-6	04 Oct 2018	04 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC140374

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Dragon	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 5-50µl	**DUC Received**	: 27 Sep 2018
Sl No.	: YE16CAA0129851	**DUC Condition on Receipt**	: Satisfactory
ID No.	: --	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.9 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019
2	Micro Balance	Sartorious	MC 21 S	16406121	TSC/17-18/INH/Mech-24	10 Mar 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph. 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

TSG
A Calibration Lab

CAL CERT. NO : TSC/18-19/6688-6

Range : 5 - 50 µl
Increment : 0.5 µl

ATM Pressure : 909.6 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error, in ± in %
1	5	0.004768	4.782	4.828	-3.43	0.78
2		0.004782	4.796			
3		0.004789	4.803			
4		0.004794	4.808			
5		0.004832	4.846			
6		0.004838	4.852			
7		0.004844	4.859			
8		0.004859	4.874			
9		0.004865	4.880			
10		0.004768	4.782			
11	25	0.02502	25.10	25.23	0.92	0.42
12		0.02507	25.15			
13		0.02511	25.19			
14		0.02513	25.21			
15		0.02518	25.26			
16		0.02520	25.28			
17		0.02522	25.30			
18		0.02526	25.34			
19		0.02534	25.42			
20		0.02502	25.10			
21	50	0.05078	50.93	51.06	2.11	0.20
22		0.05080	50.95			
23		0.05083	50.98			
24		0.05089	51.04			
25		0.05093	51.08			
26		0.05097	51.12			
27		0.05098	51.13			
28		0.05102	51.17			
29		0.05105	51.20			
30		0.05078	50.93			

Measurement Uncertainty : ± 0.12 µl

Conclusion / Remarks:

1. Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k= 2.26
2. Calibration is performed as per ISO 8655 - 6 : 2002 (E)
3. Gravimetric Method is adopted for calibration

Calibrated By
Koushik
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitra
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph: 43688889

Authorised By
Shreyas B V
(Lab Incharge)

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. SARADA KRISHNA HOMOEOPATHIC MEDICAL HOSPITAL
Kulashekaram, Kanyakumari Distric, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/6688 **Dated :** 27 Sep 2018

ULR.NO CC223118000002322F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/6688-5	04 Oct 2018	04 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC46503

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Astra	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 10µl	**DUC Received**	: 27 Sep 2018
Sl No.	: DV27600	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/PPT-012	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.9 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Micro Balance	Sartorious	MC 21 S	16406121	TSC/17-18/INH/Mech-24	10 Mar 2019

Note :

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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Koushik
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitra
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ BANGALORE Ph. 43688889 ★ Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

Results:

Range : 10 µl ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error in ± in %
1	10	0.009872	9.902	9.927	-0.73	0.22
2		0.009879	9.909			
3		0.009885	9.915			
4		0.009890	9.920			
5		0.009896	9.926			
6		0.009911	9.941			
7		0.009917	9.947			
8		0.009924	9.954			
9		0.009929	9.959			
10		0.009872	9.902			

Measurement Uncertainty : ± 0.03 µl

Conclusion / Remarks:

1 Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k = 1.96

2 Calibration is performed as per ISO 8655 - 6 : 2002 (E)

3 Gravimetric Method is adopted for calibration

Calibrated By
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph: 43688889

Authorised By
Shreyas B V
(Lab Incharge)

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **SARADA KRISHNA HOMOEOPATHIC MEDICAL HOSPITAL**
Kulashekaram, Kanyakumari Distric, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/6688 **Dated :** 27 Sep 2018

ULR.NO CC223118000002323F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/6688-4	04 Oct 2018	04 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC140378

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Ozopet	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 50µl	**DUC Received**	: 27 Sep 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: --	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 21.0 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019

Note :

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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Koushik
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitra
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

TSC
A Calibration Lab

CAL CERT. NO : TSC/18-19/6688-4

Results:

Range : 50 µl

ATM Pressure : 909.6 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error in ± in %
1	50	0.05010	50.25	50.40	0.80	0.25
2		0.05012	50.27			
3		0.05017	50.32			
4		0.05024	50.39			
5		0.05026	50.41			
6		0.05031	50.46			
7		0.05035	50.50			
8		0.05039	50.54			
9		0.05044	50.59			
10		0.05010	50.25			

Measurement Uncertainty : ± 0.16 µl

Conclusion / Remarks:

1 Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k = 1.96

2 Calibration is performed as per ISO 8655 - 6 : 2002 (E)

3 Gravimetric Method is adopted for calibration

Calibrated By
Koushik
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitra
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal
BANGALORE
Ph 43688889
Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

TransCal
Measurement to Perfection...
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Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin–560003
CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **SARADA KRISHNA HOMOEOPATHIC MEDICAL HOSPITAL**
Kulashekaram, Kanyakumari Distric, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/6688 **Dated :** 27 Sep 2018

ULR.NO CC223118000002327F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/6688-2	04 Oct 2018	04 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC108499

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Thermo Scientific	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 100-1000µl	**DUC Received**	: 27 Sep 2018
Sl No.	: NW07420	**DUC Condition on Receipt**	: Satisfactory
ID No.	: --	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.9 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Koushik
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitra
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

Range : 100-1000 ml

Increment : 1

ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error, in ± in %
1	100	0.09983	100.13	100.29	0.29	0.15
2		0.09989	100.19			
3		0.09990	100.20			
4		0.09995	100.25			
5		0.09997	100.27			
6		0.10002	100.32			
7		0.10012	100.42			
8		0.10019	100.49			
9		0.10024	100.54			
10		0.09981	100.11			
11	500	0.50553	507.05	507.26	1.45	0.04
12		0.50559	507.11			
13		0.50564	507.16			
14		0.50572	507.24			
15		0.50577	507.29			
16		0.50580	507.32			
17		0.50589	507.41			
18		0.50593	507.45			
19		0.50606	507.58			
20		0.50551	507.03			
21	1000	1.00452	1007.53	1007.70	0.77	0.02
22		1.00455	1007.56			
23		1.00459	1007.60			
24		1.00463	1007.64			
25		1.00467	1007.68			
26		1.00470	1007.71			
27		1.00479	1007.80			
28		1.00492	1007.93			
29		1.00498	1007.99			
30		1.00450	1007.51			

Measurement Uncertainty : ± 0.20

Conclusion / Remarks:

1. Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k= 2.26
2. Calibration is performed as per ISO 8655 - 6 : 2002 (E)
3. Gravimetric Method is adopted for calibration

Calibrated By

Koushik

Koushik Gijgal K R
(Calibration Engineer)

Checked By

Chitra

Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph: 43688889

Authorised By

Shreyas B V
(Lab Incharge)

TransCal
Measurement to Perfection...
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Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003
CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. SARADA KRISHNA HOMOEOPATHIC MEDICAL HOSPITAL
Kulashekaram, Kanyakumari Distric, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/6688 **Dated :** 27 Sep 2018

ULR.NO CC223118000002321F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/6688-1	04 Oct 2018	04 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC82451

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: Thermo Scientific	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 100-1000µl	**DUC Received**	: 27 Sep 2018
Sl No.	: NW 07418	**DUC Condition on Receipt**	: Satisfactory
ID No.	: --	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.9 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
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5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph 43688889

Authorised By
Shreyas B V
(Lab Incharge)

TSC
A Calibration Lab

CAL CERT. NO : TSC/18-19/6688-1

Range : 100-1000 µl
Increment : 1 µl

ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error, in ± in %
1	100	0.09986	100.16	100.31	0.31	0.13
2		0.09989	100.19			
3		0.09994	100.24			
4		0.09999	100.29			
5		0.10003	100.33			
6		0.10010	100.40			
7		0.10014	100.44			
8		0.10015	100.45			
9		0.10021	100.51			
10		0.09984	100.14			
11	500	0.50682	508.34	508.56	1.71	0.03
12		0.50695	508.47			
13		0.50699	508.51			
14		0.50705	508.57			
15		0.50706	508.58			
16		0.50712	508.64			
17		0.50717	508.69			
18		0.50720	508.72			
19		0.50724	508.76			
20		0.50680	508.32			
21	1000	1.01067	1013.70	1013.85	1.38	0.01
22		1.01072	1013.75			
23		1.01077	1013.80			
24		1.01078	1013.81			
25		1.01085	1013.88			
26		1.01088	1013.91			
27		1.01090	1013.93			
28		1.01096	1013.99			
29		1.01099	1014.02			
30		1.01065	1013.68			

Measurement Uncertainty : ± 0.20 µl

Conclusion / Remarks:

1. Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k= 2.26
2. Calibration is performed as per ISO 8655 - 6 : 2002 (E)
3. Gravimetric Method is adopted for calibration

Calibrated By
Koushik
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitra
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ BANGALORE Ph 43688889 ★ Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

TransCal
Measurement to Perfection...
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CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **SARADA KRISHNA HOMOEOPATHIC MEDICAL HOSPITAL**
Kulashekaram, Kanyakumari Distric, Tamil Nadu-629161

Customer's Reference : **SRF No. :** TSC/18-19/6688 **Dated :** 27 Sep 2018

ULR.NO CC223118000002324F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/6688-8	04 Oct 2018	04 Apr 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC140377

Nomenclature	: Micro Pipette	**No. of Pages**	: 2
Make	: --	**Cal Procedure No.**	: TSC/CAL/610
Model/Range	: 100µl	**DUC Received**	: 27 Sep 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/PPT005	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 20.8 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Electronic Weighing Balance	Mettler Toledo	AG 285	1120102251	TSC/17-18/INH/MECH-19	10 Feb 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Koushik Gijgal K R
(Calibration Engineer)

Checked By
Chitrangadha P R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

Results:

Range : 100 µl

ATM Pressure : 909.7 hpa

Sl. No.	Micropipette Set Volume in µl	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in µl	Average Volume in µl	Systematic Error, ± in %	Random Error in ± in %
1	100	0.09975	100.05	100.20	0.20	0.12
2		0.09978	100.08			
3		0.09981	100.11			
4		0.09989	100.19			
5		0.09993	100.23			
6		0.09996	100.26			
7		0.09997	100.27			
8		0.10003	100.33			
9		0.10009	100.39			
10		0.09975	100.05			

Measurement Uncertainty : ± 0.12 µl

Conclusion / Remarks:

1 Measurement uncertainty is at confidence level 95% which corresponds to a coverage factor of k = 2.23

2 Calibration is performed as per ISO 8655 - 6 : 2002 (E)

3 Gravimetric Method is adopted for calibration

Calibrated By

Koushik Gijgal K R
(Calibration Engineer)

Checked By

Chitrangadha P R
(Sr.Calibration Engineer)

TransCal ★ BANGALORE Ph. 43688889 ★ Measurement to Perfection

Authorised By

Shreyas B V
(Lab Incharge)

TransCal
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CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Address : **M/s.** Sarada Krishna Homeopathic Medical College, Kanyakumari District, Kulasekaram,

Customer's Reference : **SRF No.:** 204 **Date :** 04 Sep 2018

CAL CERT. NO.	CALIBRATED ON	RECOMMENDED CAL DUE	PAGE NO.
TSC / 18 - 19 / 204 07	04 Sep 2018	04 Sep 2019	1 of 2

Details of device under calibration (DUC) :

DUC	: Refrigerator	**Cal Procedure No.**	: TSC/CAL/509
Make	: Godrej	**No. of Pages**	: 02
Model	: RD Edge 185 E2H	**DUC Received**	: 04 Sep 2018
Sl. No.	: 1610033998	**DUC Condition on Receipt**	: Satisfactory
Asset No.	: NA	**Location**	: Laboratory

Environmental Conditions : **Temperature:** 25 ± 3° C **Humidity:** 45 - 75% RH

Standards used :

Sl. No.	Nomenclature	Make & Model	Sl. No.	Uncertainty / Basic Accuracy (±)	Traceable to & Cert. No.	Validity
1	Paperless Recorder	Brain Child &VR 18	VR 009079	0.12°C	TransCal & TSC/17-18/INH/TCAL/58	16 Dec 2018
2	RTD Sensor	PT 100	RTD/011 to 015	0.13°C	TransCal/ TSC/17-18/INH/TCAL/78A to 78E	13 Nov 2018

Note :

1. The Calibration Certificate relates only to the above DUC.
2. Publication or reproduction of this cert., in any form other than by complete set of the whole certificate & in the language, written, is not permitted without the written consent of Transcal.
3. Corrections/erasing, invalidate the Calibration Certificate.
4. Calibration of the DUC are traceable to National standards/International Standards.
5. Any error in this certificate should be brought to our knowledge within 45 days from the date of this Certificate.
6. Results Reported are valid at the time of and under the stated conditions of measurements.
7. The usage of NABL Symbol is as per NABL guidelines given in NABL-133.

Calibrated By
Jitesh
(Calibration Engineer)

Checked By
Naveen Kumar S R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph. 43688889 Measurement to Perfection

Authorised By
Bhanuprakash G M
(Onsite Manager)

Results :-

Temperature Verification :-

Sl. No.	DUC Setting (°C)	DUC Reading (°C)	Standard Reading in °C					Uniformity in °C
			1	2	3	4	5	
1	5.6	5.7	5.6	5.7	5.5	5.8	5.9	0.4

Note : Expanded Uncertainity is ± 0.78°C.

Conclusion / Remarks :-

1. Measurement Uncertainty reported is at approximately 95% confidence level with k=2.

Calibrated By
Jitesh
(Calibration Engineer)

Checked By
Naveen Kumar S R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph 43638889

Authorised By
Bhanuprakash G M
(Onsite Manager)

TSC
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TransCal

Measurement to Perfection...

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CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Address : **M/s.** Sarada Krishna Homeopathic Medical College,
Kanyakumari District, Kulasekaram,

Customer's Reference : **SRF No.:** 204 **Date :** 04 Sep 2018

CAL CERT. NO.	CALIBRATED ON	RECOMMENDED CAL DUE	PAGE NO.
TSC / 18 - 19 / 204 08	04 Sep 2018	04 Sep 2019	1 of 2

Details of device under calibration (DUC) :

DUC : Dry Bath		**Cal Procedure No.**	: TSC/CAL/509
Make : Labtech Medico		**No. of Pages**	: 02
Model : DB-11		**DUC Received**	: 04 Sep 2018
Sl. No. : 3532		**DUC Condition on Receipt**	: Satisfactory
Asset No. : NA		**Location**	: Laboratory

Environmental Conditions : **Temperature:** 25 ± 3° C **Humidity:** 45 - 75% RH

Standards used :

Sl. No.	Nomenclature	Make & Model	Sl. No.	Uncertainty / Basic Accuracy (±)	Traceable to & Cert. No.	Validity
1	Paperless Recorder	Brain Child &VR 18	VR 009079	0.12°C	TransCal & TSC/17-18/INH/TCAL/58	16 Dec 2018
2	RTD Sensor	PT 100	RTD/011 to 015	0.13°C	TransCal/ TSC/17-18/INH/TCAL/78A to 78E	13 Nov 2018

Note :

1. The Calibration Certificate relates only to the above DUC.
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4. Calibration of the DUC are traceable to National standards/International Standards.
5. Any error in this certificate should be brought to our knowledge within 45 days from the date of this Certificate.
6. Results Reported are valid at the time of and under the stated conditions of measurements.
7. The usage of NABL Symbol is as per NABL guidelines given in NABL-133.

Calibrated By
Jitesh
(Calibration Engineer)

Checked By
Naveen Kumar S R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Authorised By
Bhanuprakash G M
(Onsite Manager)

Results :-

Temperature Verification :-

Used Range : 36°C

Sl. No.	DUC Setting (°C)	DUC Reading (°C)	Standard Reading in °C					Uniformity in °C
			1	2	3	4	5	
1	36.5	36.7	36.7	36.6	36.8	36.5	36.2	0.6

Note : Expanded Uncertainity is ± 0.95°C.

Conclusion / Remarks :-

1. Measurement Uncertainty reported is at approximately 95% confidence level with k=2.

Calibrated By
Jitesh
(Calibration Engineer)

Checked By
Naveen Kumar S R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph: 43688889

Authorised By
Bhanuprakash G M
(Onsite Manager)

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A Calibration Lab

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CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Address : **M/s.** Sarada Krishna Homeopathic Medical College,
Kanyakumari District, Kulasekaram,

Customer's Reference : **SRF No.:** 204 **Date :** 04 Sep 2018

CAL CERT. NO.	CALIBRATED ON	RECOMMENDED CAL DUE	PAGE NO.
TSC / 18 - 19 / 204 06	04 Sep 2018	04 Sep 2019	1 of 2

Details of device under calibration (DUC) :

DUC	: Refrigerator	**Cal Procedure No.**	: TSC/CAL/509
Make	: Godrej	**No. of Pages**	: 02
Model	: Classic	**DUC Received**	: 04 Sep 2018
Sl. No.	: NA	**DUC Condition on Receipt**	: Satisfactory
Asset No.	: NA	**Location**	: Laboratory

Environmental Conditions : **Temperature:** 25 ± 3° C **Humidity:** 45 - 75% RH

Standards used :

Sl. No.	Nomenclature	Make & Model	Sl. No.	Uncertainty / Basic Accuracy (±)	Traceable to & Cert. No.	Validity
1	Paperless Recorder	Brain Child &VR 18	VR 009079	0.12°C	TransCal & TSC/17-18/INH/TCAL/58	16 Dec 2018
2	RTD Sensor	PT 100	RTD/011 to 015	0.13°C	TransCal/ TSC/17-18/INH/TCAL/78A to 78E	13 Nov 2018

Note :

1. The Calibration Certificate relates only to the above DUC.
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3. Corrections/erasing, invalidate the Calibration Certificate.
4. Calibration of the DUC are traceable to National standards/International Standards.
5. Any error in this certificate should be brought to our knowledge within 45 days from the date of this Certificate.
6. Results Reported are valid at the time of and under the stated conditions of measurements.
7. The usage of NABL Symbol is as per NABL guidelines given in NABL-133.

Calibrated By
Jitesh
(Calibration Engineer)

Checked By
Naveen Kumar S R
(Sr.Calibration Engineer)

TransCal ★ BANGALORE Ph 43688889 ★ Measurement to Perfection

Authorised By
Bhanuprakash G M
(Onsite Manager)

Results :-

Temperature Verification :-

Sl. No.	DUC Setting (°C)	DUC Reading (°C)	Standard Reading in °C					Uniformity in °C
			1	2	3	4	5	
1	6.8	6.7	6.6	6.7	6.5	6.8	7.0	0.5

Note : Expanded Uncertainity is ± 0.86°C.

Conclusion / Remarks :-

1. Measurement Uncertainty reported is at approximately 95% confidence level with k=2.

Calibrated By	Checked By	Authorised By
Jitesh	Naveen Kumar S R	Bhanuprakash G M
(Calibration Engineer)	(Sr.Calibration Engineer)	(Onsite Manager)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph: 43688889

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TransCal

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CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Address : **M/s.** Sarada Krishna Homeopathic Medical College,
Kanyakumari District, Kulasekaram,

Customer's Reference : **SRF No.:** 204 **Date :** 04 Sep 2018

CAL CERT. NO.	CALIBRATED ON	RECOMMENDED CAL DUE	PAGE NO.
TSC / 18 - 19 / 204 05	04 Sep 2018	04 Sep 2019	1 of 2

Details of device under calibration (DUC) :

DUC	: Incubator	**Cal Procedure No.**	: TSC/CAL/509
Make	: Anton	**No. of Pages**	: 02
Model	: NA	**DUC Received**	: 04 Sep 2018
Sl. No.	: 9871099	**DUC Condition on Receipt**	: Satisfactory
Asset No.	: NA	**Location**	: Laboratory

Environmental Conditions : **Temperature:** 25 ± 3° C **Humidity:** 45 - 75% RH

Standards used :

Sl. No.	Nomenclature	Make & Model	Sl. No.	Uncertainty / Basic Accuracy (±)	Traceable to & Cert. No.	Validity
1	Paperless Recorder	Brain Child &VR 18	VR 009079	0.12°C	TransCal & TSC/17-18/INH/TCAL/58	16 Dec 2018
2	RTD Sensor	PT 100	RTD/011 to 015	0.13°C	TransCal/ TSC/17-18/INH/TCAL/78A to 78E	13 Nov 2018

Note :

1. The Calibration Certificate relates only to the above DUC.
2. Publication or reproduction of this cert., in any form other than by complete set of the whole certificate & in the language, written, is not permitted without the written consent of Transcal.
3. Corrections/erasing, invalidate the Calibration Certificate.
4. Calibration of the DUC are traceable to National standards/International Standards.
5. Any error in this certificate should be brought to our knowledge within 45 days from the date of this Certificate.
6. Results Reported are valid at the time of and under the stated conditions of measurements.
7. The usage of NABL Symbol is as per NABL guidelines given in NABL-133.

Calibrated By
Jitesh
(Calibration Engineer)

Checked By
Naveen Kumar S R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph. 43688889

Authorised By
Bhanuprakash G M
(Onsite Manager)

Results :-

Temperature Verification :-

Used Range : 36°C

Sl. No.	DUC Setting (°C)	DUC Reading (°C)	Standard Reading in °C					Uniformity in °C
			1	2	3	4	5	
1	36.3	36.5	36.6	36.4	36.5	36.7	36.3	0.4

Note : Expanded Uncertainity is ± 0.78°C.

Conclusion / Remarks :-

1. Measurement Uncertainty reported is at approximately 95% confidence level with k=2.

Calibrated By
Jitesh
(Calibration Engineer)

Checked By
Naveen Kumar S R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph 43688889

Authorised By
Bhanuprakash G M
(Onsite Manager)

TSC
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Measurement to Perfection...

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CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Address : **M/s.** Sarada Krishna Homeopathic Medical College,
Kanyakumari District, Kulasekaram,

Customer's Reference : **SRF No.:** 204 **Date :** 04 Sep 2018

CAL CERT. NO.	CALIBRATED ON	RECOMMENDED CAL DUE	PAGE NO.
TSC / 18 - 19 / 204 04	04 Sep 2018	04 Sep 2019	1 of 2

Details of device under calibration (DUC) :

DUC	: Hot Air Oven	**Cal Procedure No.**	: TSC/CAL/509
Make	: Anton	**No. of Pages**	: 02
Model	: NA	**DUC Received**	: 04 Sep 2018
Sl. No.	: 965105	**DUC Condition on Receipt**	: Satisfactory
Asset No.	: NA	**Location**	: Laboratory

Environmental Conditions : **Temperature:** 25 ± 3° C **Humidity:** 45 - 75% RH

Standards used :

Sl. No.	Nomenclature	Make & Model	Sl. No.	Uncertainty / Basic Accuracy (±)	Traceable to & Cert. No.	Validity
1	Paperless Recorder	Brain Child &VR 18	VR 009079	0.12°C	TransCal & TSC/17-18/INH/TCAL/58	16 Dec 2018
2	RTD Sensor	PT 100	RTD/011 to 015	0.13°C	TransCal/ TSC/17-18/INH/TCAL/78A to 78E	13 Nov 2018

Note :

1. The Calibration Certificate relates only to the above DUC.
2. Publication or reproduction of this cert., in any form other than by complete set of the whole certificate & in the language, written, is not permitted without the written consent of Transcal.
3. Corrections/erasing, invalidate the Calibration Certificate.
4. Calibration of the DUC are traceable to National standards/International Standards.
5. Any error in this certificate should be brought to our knowledge within 45 days from the date of this Certificate.
6. Results Reported are valid at the time of and under the stated conditions of measurements.
7. The usage of NABL Symbol is as per NABL guidelines given in NABL-133.

Calibrated By
Jitesh
(Calibration Engineer)

Checked By
Naveen Kumar S R
(Sr.Calibration Engineer)

TransCal ★ BANGALORE Ph. 43688889 ★ Measurement to Perfection

Authorised By
Bhanuprakash G M
(Onsite Manager)

Results :-

Temperature Verification :-

Used Range : 48°C

Sl. No.	DUC Setting (°C)	DUC Reading (°C)	Standard Reading in °C					Uniformity in °C
			1	2	3	4	5	
1	48.0	47.8	47.7	47.9	48.0	48.2	48.1	0.5

Note : Expanded Uncertainity is ± 0.86°C.

Conclusion / Remarks :-

1. Measurement Uncertainty reported is at approximately 95% confidence level with k=2.

Calibrated By
Jitesh
(Calibration Engineer)

Checked By
Naveen Kumar S R
(Sr.Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph. 43688889

Authorised By
Bhanuprakash G M
(Onsite Manager)

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

Main Bld. Premises : Centenary Building (G. Flr), Door No. At : 100, W. Park Rd.,
Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homeopathic Medical College.,**
Kanyakumari Dist, Kulasekharam, Tamil Nadu IND 629161

Customer's Reference : **SRF No. :** TSC/18-19/204 **Dated :** 04 Sep 2018

ULR.NO CC223118000000645F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/204-1	04 Sep 2018	04 Mar 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC48789

Nomenclature	: Centrifuge	**No. of Pages**	: 2
Make	: REMI	**Cal Procedure No.**	: TSC/CAL/611
Model/Range	: R-8C	**DUC Received**	: 04 Sep 2018
Sl No.	: EBLC-4514	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/CF001	**Cal At**	: Mechanical onsite

Environmental Conditions : Temperature in °C : 23.4 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Digital Tachometer	Lutron	DT 2236	L - 510221	SANS/54486/18	14 Mar 2019
2	Digital stop watch	Racer	--	'---	TSC/18-19/INH/Mech-74	15 May 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Tejas
(Calibration Engineer)

Checked By
Annapoorna M P
(Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph: 43688889

Authorised By
Shreyas B.V.
(Lab Incharge)

Results :-

RPM :

Range: 0-5250 rpm Location: Laboratory

Sl. No.	DUC Setting in rpm	STD Reading in rpm	Observed Deviation in rpm	Measurement Uncertainty ± in rpm
1	1000	989.9	10.1	2.13
2	2000	1985	15	2.00
3	3000	2979	21	3.00
4	4000	3991	9	4.00
5	5000	4995	5	5.00

Timer :

Range: 0-60 Min

Sl. No.	DUC Reading in Min	Standard Reading in min : sec : msec	Observed Deviation in min : sec : msec	Measurement Uncertainty ± in Sec
1	1	01 : 00 : 02	- 00 : 00 : 02	1.2
2	3	02 : 59 : 75	00 : 00 : 25	3.6
3	5	04 : 59 : 60	00 : 00 : 40	6.0

Conclusion Remarks :-

1. Measurement uncertainty reported is at 95% confidence level.

Calibrated By
Tejas
(Calibration Engineer)

Checked By
Annapoorna M P
(Calibration Engineer)

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

TSC
A Calibration Lab

TransCal
Measurement to Perfection...

Main Bld. Premises : Centenary Building (G. Flr), Door No. At : 100, W. Park Rd.,
Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homeopathic Medical College.,**
Kanyakumari Dist, Kulasekharam, Tamil Nadu IND 629161

Customer's Reference : **SRF No. :** TSC/18-19/204 **Dated :** 04 Sep 2018

ULR.NO CC223118000000649F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/204-2	04 Sep 2018	04 Mar 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC140602

Nomenclature	: Centrifuge	**No. of Pages**	: 2
Make	: REMI	**Cal Procedure No.**	: TSC/CAL/611
Model/Range	: C852	**DUC Received**	: 04 Sep 2018
Sl No.	: KALC-4528	**DUC Condition on Receipt**	: Satisfactory
ID No.	: SKHMC/BM/CF002	**Cal At**	: Mechanical onsite

Environmental Conditions : Temperature in °C : 23.4 **Humidity in RH % : 49**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Digital Tachometer	Lutron	DT 2236	L - 510221	SANS/54486/18	14 Mar 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Tejas
(Calibration Engineer)

Checked By
Annapoorna M P
(Calibration Engineer)

TransCal ★ BANGALORE Ph: 43688889 ★ Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

Results :-

Department: Laboratory

Sl. No.	DUC Set At	STD Reading in rpm	Measurement Uncertainty ± in rpm
1	Level 1	788.6	0.58
2	Level 2	1255	1.60
3	Level 3	1796	2.83
4	Level 4	2531	4.08
5	Level 5	3149	5.34

Conclusion Remarks :-

1. Measurement uncertainty reported is at 95% confidence level.

Calibrated By

Tejas
(Calibration Engineer)

Checked By

Annapoorna M P
(Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph: 43688889

Authorised By

Shreyas B V
(Lab Incharge)

TransCal
Measurement to Perfection...
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Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003
CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Sarada Krishna Homeopathic Medical College.,**
Kanyakumari Dist, Kulasekharam, Tamil Nadu IND 629161

Customer's Reference : **SRF No. :** TSC/18-19/204 **Dated :** 04 Sep 2018

ULR.NO CC223118000000650F

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/204-3	04 Sep 2018	04 Sep 2019	1 of 2

Details of device under calibration

Nomenclature	: Rotary Shaker	**Transcal ID**	: TSC83642
Make	: --	**No. of Pages**	: 2
Model/Range	: --	**Cal Procedure No.**	: TSC/CAL/611
Sl No.	: 3167	**DUC Received**	: 04 Sep 2018
ID No.	:	**DUC Condition on Receipt**	: Satisfactory
		Cal At	: Mechanical onsite

Environmental Conditions : Temperature in °C : 23.5 **Humidity in RH % : 50**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Digital Tachometer	Lutron	DT 2236	L - 510221	SANS/54486/18	14 Mar 2019

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Tejas
(Calibration Engineer)

Checked By
Annapoorna M P
(Calibration Engineer)

TransCal BANGALORE Ph: 43688889 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

Results :-

Department: Laboratory

Sl. No.	DUC Set At	STD Reading in rpm	Measurement Uncertainty ± in rpm
1	Fixed	29.0	0.58

Conclusion Remarks :-

1. Measurement uncertainty reported is at 95% confidence level.

Calibrated By

Tejas
(Calibration Engineer)

Checked By

Annapoorna M P
(Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph: 43688889

Authorised By

Shreyas B V
(Lab Incharge)

TransCal

Measurement to Perfection...

A Calibration Lab

Main Bld. Premises: Centenary Building (G. Flr), Door No. At:100, W. Park Rd.,
Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin–560003

CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Address : M/s. **Transcaal Engineers India Pvt. Ltd**
No. 96/1-1. Shubhashree (At:First Floor) PO. East Park Road. Ninth CRs
Between Sampige Road & Margosa Road,Malleswaram Bangalore Karnataka 560003

Customer's Reference: **SRF No.:** TSC/18-19/4715 **Dated** :27 Jul 2018

Calibration Certificate	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/4715-2	31 Jul 2018	31 Jul 2019	1 of 2

Details of device under calibration (DUC):

DUC	:Dead Weights	**Calibration Procedure No.**	: TSC/CAL/605
Make	:---	**No. of Pages**	: 2
Range	:20kgs	**DUC Received**	:27 Jul 2018
Sl No.	:---	**DUC Condition on receipt**	: Satisfactory
ID No.	:---	**Cal At**	: Mechanical Lab,Transcal

Environmental Conditions:Temp:(20 ± 2)°C, Relative Hum.:(40 to 60)%, Atmos.Pressure:911.6mbar

Standards used:

Sl. No.	Nomenclature	Make	ID No.	Traceable to / Cert No.	Validity
1	Set of Weights	Bhavani	TSC/MECH-79A to J	Transcal/TSC/18-19/INH/MECH-79	14 Aug 2019

Note:

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal
3. Errors if any , in this Cert. shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2 ; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Cert. - exception to the "Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control)
7. Nabl-133 guidelines are adopted for use of NABL symbol.
8. Paper Report contains data on both sides as Environment friendly measures.
9. In Result Sheets, "Pass" indicates measured readings are within specification limit, "Fail" indicates measured readings

Calibrated By
Jothi C
(Calibration Engineer)

Checked By
Chitrangadha P R
(Calibration Engineer)

TransCal ★ BANGALORE Ph. 43688889 ★ Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

CALIBRATION CERTIFICATE

Certificate No. SCCPLCRTN201800655

Date of Receipt	23-07-2018	Calibration Date	23-07-2018	Calibration Due Date	22-07-2019

Customer Name & Address:

Transcaal Engineers India Pvt. Limited.
No. 96/1-1, Shubhashree (At: first floor), East Park Road,
9th cross, Between Sampige and Margosa road, Malleswaram
Bangalore - 560003

Customer Reference:

Purchase Order No:	18-19-016
SCCPL Order No.:	OC201800241
Instrument	SEAL : Intact/Not Intact
Physical Condition:	DAMAGED: Yes/No

Details of Equipment:

Nomenclature of Equipment	Make	Model No.	Serial No.	Capacity	Resolution
Gas Flow Analyzer	Fluke	V,T Mobile	3008037	150 L/min	0.01 ml/min

Calibration Related:

Calibration Parameter:	Flow	Reference Standard:	-
Calibration Procedure:	SCCPL/SOPFL/002	Mode of Calibration:	Air Flow
Calibration Location:	SCCPL, Bangalore	Local 'g' Value:	9.77997629 m/Sec²
Standards used for calibration		Method Used :	By Comparison

Description	Traceability & Validity
Fukuda, Laminar Flow element MFU-110-200LM-O, 3N1048,20-200NL/min	CA 452 1805 139 & 30-05-2020
Laminar Flow element,Fukuda, MFU-110-50LM-O, 51150095,Capacity:5-50NL/min	CA 31 1707 160 & 20-07-2019

Environmental Condition:

Temperature: (23 ± 1)°C Humidity: (50± 10) %RH

Calibration Result Summary: As Per Enclosed Results

Note: 1. The evaluation of uncertainty of measurement inclueds the resolution of UUC (unit under calibration).
2. The calibration results relate only to the item calibrated.
3. The results are valid only under the stated conditions of calibration.
4. This calibration certificate shall not be reproduced, except in full without written approval of SCCPL.
5. The calibration of the DUC is traceable to National / International Standards, the measurements are in SI units and process is in line with the Quality Manual and conforming to ISO/IEC 17025: 2005.

CALIBRATED BY	APPROVED BY (Any one required)		
Sign:	Sign:	Sign:	Sign:
Name: Vasantha Kumar	Name: K R Ramu	Name: Shivaleela 27/7/18	Name: R.Vasantha Kumar
Design:	Design: DGM -Quality	Design: Dy. Manager - Quality	Design: Sr.Calibration Officer

Clause 5.10.2, Format SCCPL/QFM/013 R3 27-07-2018

Plot No. 66, Keonics Electronics City, Hosur Road, Bangalore - 560 100 Phones : 080-2852 2695, 2852 2033
E-mail : info@sysconcalibration.com www.sysconcalibration.com

CERTIFICATE OF CALIBRATION

Issued To	SARADA KRISHNA HOMEOPATHIC MEDICAL COLLEGE & HOSPITAL, KULASEKHARAM		Page 1 of 4
Description	SUCTION MACHINE	Certificate No	TEPL/18-19/1146-24
Manufacturer	LIFE CARE	Department	CASUALTY
Model	GOLEY	Cal Procedure	TEPL-CAL-SM-01
Serial No.	NA	Calibration At	ON SITE
Asset No.	NA	DUC Condition on Receipt	SATISFACTORY
Environmental Conditions	Temperature: (30) °C	Relative Humidity: (76)%	

CALIBRATION STANDARDS

Test Equipment	Manufacturer	Model	Serial No.	Cal Date	Due Date
GAS FLOW ANALYZER	FLUKE	VT MOBILE	3008037	23.07.2018	22.07.2019
ELECTRICAL SAFETY ANALYZER	FLUKE	ESA 615	2839286	19.12.2017	19.12.2018

Calibration Status	**Pass** ■ **Fail** ☐	**Report Attached**
Calibration Date: 08-07-2018	**Calibration Due Date: 08-07-2019**	

The above mentioned instrument has been calibrated using standards, manufacturer recommended protocols,using equipments having traceability to National & International Standards. Devices for which there are no NIST calibration standards are measured against in-house performance standard using accepted test procedures. Partial reproduction of the certificate is not permitted

Calibration Engineer: JITESH

TRANSCAAL ENGINEERS INDIA PVT LTD. BANGALORE Ph:23362266

Approved By: _____
DIRECTOR

SUCTION MACHINE TEST REPORT

Certificate No.	TEPL/18-19/1146-24	Page 2 of 4

TEST EQUIPMENT USED : Gas Flow Analyzer

Manufacturer	Fluke
Model	VT MOBILE
Serial Number	3008037
Calibration Date	23-07-2018
Calibration Due	22-07-2019

TOURNIQUET TEST

Sl.No	DUT		TEST GADGET	Tolerance
	Set Value	Indicated Value	Measured Value in mmHg	
1	- 200	- 200	- 198	± 10%
2	- 400	- 400	- 397	± 10%
3	- 600	- 600	- 595	± 10%

Remarks: UNIT TEST PASS

Engineers Sign: TRANSCAAL ENGINEERS INDIA PVT LTD BANGALORE

Date: 08-07-2018

Operator ID: TEPL
Calibration Tech : 22881
Calibration Date : 19/12/2017
Firmware Version : 2.12
Serial Number: 2839286

Template Information

Template Name:	60601 3rd Generic Device	Standard:	IEC60601-1-3rd Ed
Pause after Power ON:	NO	Pause before Power OFF:	NO
Power ON delay:	2	Power OFF delay:	0
Test Speed:	NORMAL	Test Mode:	STEP BY STEP
Halt on Test Failure:	YES	Multi PE Test:	YES
Include Time:	YES	Multi Resstore:	WORST/LAST
Insulation Resistance V	500V	Reverse Polarity:	YES
Multi Enclosure Test :	YES		

PLC Configuration-Applied part setup

AP Name: AP Type: AP Num:

ESA615 Test Results

Test Name	Value	High Limits	Low Limits	Status
Protective Earth Resistance	0.14 Ohm	0.2	-	P
Insulation Resistance				P
Mains to Protective Earth	999 MOhm	-	2	P
Mains to Non-Earth Accessible Conductive Part	999 MOhm	-	7	P
Mains to Applied Parts	999 MOhm	-	10	P
Applied Parts to Non-Earth Accessible Conductive	999 MOhm	-	70	P
Mains Voltage				P
Live to Neutral	232.1 V	-	-	P
Neutral to Earth	1.3 V	-	-	P
Live to Earth	232.3 V	-	-	P
Equipment Current	0.1 A	-	-	P
Earth Leakage Current				P
Normal Condition	27.3 uA-OPEN	5000	-	P
Enclosure Leakage Current				P
Normal Condition	2.5 uA-OPEN	100	-	P

Open Earth	2.4 uA-OPEN	500 -	P
Open Earth	2.3 uA-OPEN	500 -	P
Open Earth	2.5 uA-OPEN	500 -	P
Earth Leakage Current			P
Open Neutral	36.1 uA-OPEN	10000 -	P
Enclosure Leakage Current			P
Open Neutral	3.2 uA-OPEN	500 -	P
Earth Leakage Current			P
Open Neutral- Reversed Mains	31.1 uA-OPEN	10000 -	P
Enclosure Leakage Current			P
Open Neutral- Reversed Mains	3.4 uA-OPEN	500 -	P
Open Neutral- Reversed Mains	3.2 uA-OPEN	500 -	P
Open Neutral- Reversed Mains	3.1 uA-OPEN	500 -	P
Earth Leakage Current			P
Normal Condition- Reversed Mains	16.1 uA-OPEN	5000 -	P
Enclosure Leakage Current			P
Normal Condition- Reversed Mains	0.9 uA-OPEN	100 -	P
Normal Condition- Reversed Mains	0.8 uA-OPEN	100 -	P
Normal Condition- Reversed Mains	2.4 uA-OPEN	100 -	P
Normal Condition- Reversed Mains	2.2 uA-OPEN	100 -	P
Normal Condition- Reversed Mains	2.0 uA-OPEN	100 -	P
Normal Condition- Reversed Mains	2.1 uA-OPEN	100 -	P
Normal Condition- Reversed Mains	2.1 uA-OPEN	100 -	P
Open Earth- Reversed Mains	2.7 uA-OPEN	500 -	P
Open Earth- Reversed Mains	2.5 uA-OPEN	500 -	P
Open Earth- Reversed Mains	2.2 uA-OPEN	500 -	P
Open Earth- Reversed Mains	2.3 uA-OPEN	500 -	P
Open Earth- Reversed Mains	2.3 uA-OPEN	500 -	P
Open Earth- Reversed Mains	2.2 uA-OPEN	500 -	P
Open Earth- Reversed Mains	2.2 uA-OPEN	500 -	P

TRANSCAAL ENGINEERS INDIA PVT LTD

Signature

TSC
A Calibration Lab

TransCal

Measurement to Perfection...

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CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Transcaal Engineers India Pvt. Ltd**
No. 96/1-1, Shubhashree (At:First Floor) PO. East Park Road. Ninth CRs Between Sampige Road & Margosa Road,Malleswaram Bangalore Karnataka 560003

Customer's Reference : **SRF No. :** TSC/18-19/4416 **Dated :** 19 Jul 2018

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/4416-6	23 Jul 2018	23 Jul 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC17132

Nomenclature	: Digital RTD Calibrator	**No. of Pages**	: 2
Make	: Metravi	**Cal Procedure No.**	: TSC/CAL/323
Model/Range	: 03	**DUC Received**	: 19 Jul 2018
Sl No.	: 995117115	**DUC Condition on Receipt**	: Satisfactory
ID No.	: TEPL/16/RTC-021	**Cal At**	: Electro Technical Lab

Environmental Conditions : Temperature in °C : 25±2 **Humidity in RH % : 45-75**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Digital Multimeter	Keysight	34461A	MY57206365	TSC/17-18/INH-ECAL-164	06 Nov 2018
2	Multi-Product Calibrator	Fluke	5520A	9175011	CR/PCAL/49523	31 Oct 2018

Note :

1. This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
2. Partial Publication/ reproduction of this Certificate in any form is not permitted without the written consent of Transcal.
3. Errors if any , in this Certificate shall be brought to notice within 45 days from the date of this Certificate
4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
5. Calibration of the DUC are traceable to National/International Standards
6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Dhanya M M
(Calibration Engineer)

Checked By
Subramanya B A
(Calibration Engineer)

TransCal BANGALORE Measurement to Perfection

Authorised By
Ram Rathan G S
(Director Operations)

TransCal
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A Calibration Lab
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Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003
CC-2231
NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. Transcaal Engineers India Pvt. Ltd
No. 96/1-1. Shubhashree (At:First Floor) PO. East Park Road. Ninth CRs Between Sampige Road & Margosa Road,Malleswaram Bangalore Karnataka 560003

Customer's Reference : **SRF No. :** TSC/18-19/2023 **Dated :** 04 May 2018

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/2023-1	07 May 2018	07 May 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC119448

Nomenclature	: Steel Weight	**No. of Pages**	: 2
Make	: --	**Cal Procedure No.**	: TSC/CAL/605
Model/Range	: 500 g - 10 kg	**DUC Received**	: 04 May 2018
Sl No.	: NA	**DUC Condition on Receipt**	: Satisfactory
ID No.	: TEPL/17/WGH-028	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 21.5 **Humidity in RH % : 52**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	500g - 1kg E1 Class Weights	BI	--	TSC/Mech-82A to 82H	15060280/D5.01/C-235	12 Jan 2019
2	2kg - 20kg E1 Class Weights	BI	--	TSC/Mech-82A to 82H-1	15060280/D5.01/C-204	10 Nov 2018

Note:

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4. Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
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6. Corrections/erasing, invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).
7. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings areout of specification limit & ' - ' indicates no specification limit furnished.
8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Jothi C
(Calibration Engineer)

Checked By
Chitrangadha P R
(Calibration Engineer)

TransCal BANGALORE Ph.43688899 Measurement to Perfection

Authorised By
Shreyas B V
(Lab Incharge)

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Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003
CC-2231

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. Transcaal Engineers India Pvt. Ltd
No. 96/1-1. Shubhashree (At.First Floor) PO. East Park Road. Ninth CRs Between Sampige Road & Margosa Road,Malleswaram Bangalore Karnataka 560003

Customer's Reference : SRF No. : TSC/18-19/ 1972 Dated : 03 May 2018

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/ 1972-2	14 May 2018	14 May 2019	1 of 7

Details of device under calibration **Transcal ID** : TSC120882

Nomenclature	: Defibrillator Analyzer	No. of Pages	: 7
Make	: Fluke	Cal Procedure No.	: PROCEEDURE1
Model/Range	: Impulse 7000 DP	DUC Received	: 03 May 2018
Sl No.	: 2985063	DUC Condition on Receipt	: Satisfactory
ID No.	: TEPL/15/DBA-004	Cal At	: RF Lab

Environmental Conditions : Temperature in °C : 25±2 Humidity in RH % : 45-75

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Digital Multimeter	Keysight	34461A	MY57206365	TSC/17-18/INH-ECAL-164	06 Nov 2018
2	Multi-Product Calibrator	Fluke	5520A	8130001	TSC/17-18/INH-ECAL-01	03 Oct 2018
3	Universal Frequency Counter	Phillips	PM 6669	BQ 1953	TSC/17-18/INH/ECAL-05	23 Dec 2018
4	Digital Oscilloscope	Tektronix	MSO4104	C000335	TSC/17-18/INH/RF/HV-07	19 Feb 2019

Calibrated By
Geetha K S
(Calibration Engineer)

Checked By
Mallikarjun V R
(Sr.Calibration Engineer)

TransCal BANGALORE Ph: 43688689 Measurement to Perfection

Authorised By
IS Prasad
(General Manager)

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Transcaal Engineers India Pvt. Ltd**
No. 96/1-1. Shubhashree (At:First Floor) PO. East Park Road. Ninth CRs Between Sampige Road & Margosa Road,Malleswaram Bangalore Karnataka 560003

Customer's Reference : **SRF No. :** TSC/18-19/ 1972 **Dated :** 03 May 2018
Supplement to original certificate: TSC/18-19/1972-1 Dated 10 Aug 2018

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/18-19/ 1972-1A	18 May 2018	18 May 2019	1 of 7

Details of device under calibration **Transcal ID** : TSC45089

Nomenclature	: Vital Signs Simulator	**No. of Pages**	: 7
Make	: Fluke	**Cal Procedure No.**	: TSC/CAL/323
Model/Range	: Prosim 4	**DUC Received**	: 03 May 2018
Sl No.	: 2989669	**DUC Condition on Receipt**	: Satisfactory
ID No.	: TEPL/15/VSS-001	**Cal At**	: RF Lab

Environmental Conditions : Temperature in °C : 25±2 **Humidity in RH % : 45-75**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Digital Multimeter	Keysight	34461A	MY57206365	TSC/17-18/INH-ECAL-164	06 Nov 2018
2	Multi-Product Calibrator	Fluke	5520A	8130001	TSC/17-18/INH-ECAL-01	03 Oct 2018
3	Universal Frequency Counter	Phillips	PM 6669	BQ 1953	TSC/17-18/INH/ECAL-05	23 Dec 2018
4	Digital Oscilloscope	Tektronix	MSO4104	C000335	TSC/17-18/INH/RF/HV-07	19 Feb 2019

Calibrated By
Geetha K S
(Calibration Engineer)

Checked By
Mallikarjun V R
(Sr.Calibration Engineer)

TransCal ★ BANGALORE Ph: 43688889 ★ Measurement to Perfection

Authorised By
IS Prasad
(General Manager)

Tektronix India Pvt Ltd
MBC Centre, Ground Floor,
Plot no 143/A, Ghodbunder Road
Opp. Cinewonder Cinema
Kapurbawadi, Thane-400607
INDIA

Phone No:91-22-32285210

CERTIFICATE OF TRACEABLE CALIBRATION

Certificate No: 1851809-4-SPOT LIGHT-2989669-1

Contract/PO No:

Customer:
Transcaal Engineers India Pvt.Ltd.
Bldg no.96/1-1,Shubhashree,1st Floor,
Near Post Office, East Park Road,9th Cross,
Malleswaram Road, Bangalore-560003

Model:	SPOT LIGHT
Serial No.:	2989669
Manufacturer:	Fluke Biomedical
Description:	Sp02 FUNCTIONAL TESTER
Site of Calibration:	Service Center
Calibration Interval Source:	Tektronix recommended
Cal Date:	19-Feb-2018
Due Date:	19-Feb-2019
Calibration Interval:	12Months
Temperature(25±2°C):	23.0°C
Humidity (40~70%RH):	45 %
Received Date:	19-Feb-2018

Tektronix certifies that the performance of the above instrument has been verified using test equipment of known accuracy which are traceable to National & International Standards. This certificate shall not be reproduced except in full , with the written approval of the calibration facility.

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Between Sampighe Road And Margosa Rd., 10th Crs., Malleswaram, Bangalore City, Pin – 560003

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CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Transcaal Engineers India Pvt. Ltd**
No. 96/1-1. Shubhashree (At:First Floor) PO. East Park Road. Ninth CRs Between Sampige Road & Margosa Road,Malleswaram Bangalore Karnataka 560003

Customer's Reference : **SRF No. :** TSC/17-18/ 10262 **Dated :** 18 Feb 2018

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/17-18/ 10262-1	18 Feb 2018	18 Feb 2019	1 of 2

Details of device under calibration **Transcal ID** : TSC112545

Nomenclature	: Pressure Calibrator	**No. of Pages**	: 2
Make	: R&D Instruments	**Cal Procedure No.**	: TSC/CAL/601&602
Model/Range	: EPC40	**DUC Received**	: 18 Feb 2018
Sl No.	: 19591702	**DUC Condition on Receipt**	: Satisfactory
ID No.	: TEPL/16/PCI-017	**Cal At**	: Mechanical Lab

Environmental Conditions : Temperature in °C : 23.1 **Humidity in RH % : 54**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Reff Pressure Gauge	Fluke	2700G	2448199	2017-18/CFC/2582/1	12 Feb 2019
2	Dead Weight Tester	Fluke	P3125XT-BAR	70655	2017-18/CFC/2582/2	17 Feb 2020

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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
X Jothi C
(Calibration Engineer)

Checked By
Manjunath D
(Calibration Engineer)

TransCal ★ Measurement to Perfection ★ BANGALORE Ph 43688889

Authorised By
Shreyas B V
(Lab Incharge)

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NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2005

CALIBRATION CERTIFICATE

Customer Name & Add. : M/s. **Transcaal Engineers India Pvt. Ltd**
No. 96/1-1. Shubhashree (At:First Floor) PO. East Park Road. Ninth CRs Between Sampige Road & Margosa Road,Malleswaram Bangalore Karnataka 560003

Customer's Reference : **SRF No. :** TSC/17-18/8950 **Dated :** 19 Dec 2017

Calibration Certificate Number	Calibrated On	Recommended Calibration Due	Page Number
TSC/17-18/8950-1	19 Dec 2017	19 Dec 2018	1 of 3

Details of device under calibration **Transcal ID** : TSC43830

Nomenclature	: Electrical Safety Analyzer	**No. of Pages**	: 3
Make	: Fluke	**Cal Procedure No.**	: TSC/CAL/312
Model/Range	: ESA 615	**DUC Received**	: 19 Dec 2017
Sl No.	: 2839286	**DUC Condition on Receipt**	: Satisfactory
ID No.	: --	**Cal At**	: Electro Technical Lab

Environmental Conditions : Temperature in °C : 25±2 **Humidity in RH % : 45-75**

Standards used :

Sl No.	Nomenclature	Make	Model	Sl No/ID.No.	Certificate No.	Validity
1	Decade Megohm Box	Vaiseshika	8400 HV	6374	TSC/17-18/INH/ECAL/23	04 Dec 2018
2	Decade Resistance Box	Vaiseshika	7400	5840	TSC/17-18/INH-ECAL-36	04 Dec 2018
3	Dig. Multimeter	Agilent	34401A	US36038748	TSC/16-17/INH/ECAL-60	24 Jan 2018
4	Digital Oscilloscope	Tektronix	MSO4104	C000335	TSC/16-17/INH/RF/HV-07	20 Feb 2018

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8. Consider Model or Range whichever is applicable.
9. Nabl-133 guidelines are adopted for use of NABL symbol.

Calibrated By
Satheesh Kumar C R
(Calibration Engineer)

Checked By
Vijay Kumar H N
(Sr.Calibration Engineer)

TransCal BANGALORE Ph: 43688880 Measurement to Perfection

Authorised By
IS Prasad
(General Manager)