



# A A CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



Certificate No. CC - 2646

Certificate No	AACPL / 03435F	Field	Elec.Tech.	Group	Page No.	1 of 1
SRF No & Date	200807.1	DT - 07 / 08 / 2020		ULR No.	CC2646200000	03435F
Calibration Method :	Direct Method			Accuracy		
Company Name	M/s Krishna Cable Industries			Calibration Date	07 08 2020	
Address	340 / 2 / 9, Ground & 1st Floor Street No. - 1, Hindustan Foil Mill Compound, Friends Colony, Shahdara, G.T.Road, Delhi - 95			Cali. Due On (As Sugg By Cust)	06 08 2021	
				Certificate Issue Dt.	10 08 2020	
				UUC Condition	Good	

### Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make	Location
1	Dig. Temp. Controller	0 to 400 °C	0.1 °C	Neha	Ageing Oven

### Standard Equipments Used ( Traceable to National Standard )

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Universal Calibrator	Radix / 112004873	AACPL	AACPL/16329F	25/12/2020

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
IS : 1248	Temp. Measurement	(50 ± 20)%RH	(25 ± 10)°C	Site

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 03, Section No : CPET - 01

Set Points :- 50, 150, 240 °C

### Calibration Results

SI. No.	Std. Reading on Master in °C	UUC Average Reading in °C	Deviation in °C	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is ±
1	50.1	50.6	0.5	0.33 °C
2	150.3	151.2	0.9	0.33 °C
3	240.5	241.7	1.2	0.37 °C

### Note

- 1 The calibration results reported in this calibration certificate are valid at the time of & under stated condition
- 2 This certificate cannot be reproduced except in full without our prior permission in writing
- 3 This certificate refers only to the particular item(s) submitted for calibration
- 4 UUC - Unit under calibration

*Ravi Bhanu*  
Calibrated by



*A. Kumar*  
Approved by

LAB :- Plot No. C-18, Sector-13, First Floor, "Vasundhara, Haat" Vasundhara, Ghaziabad - 201012  
Ph. : 0120-4135529, Mob. : 9212172564, 9212172597  
E-mail : aacplinfo2005@gmail.com, aacplinfo@rediffmail.com



# Bhagwati Calibration Laboratory

(NABL ACCREDITED LAB)

## CALIBRATION CERTIFICATE

Certificate Number	BCL / M / DTTM / 2020 / 0708.25.1	Page No	1	No. of Pages	1
SRF No & Date	0708.25 Date - 07.08.2020	Group	Force	Field	Mech.
Company Name	M/S : KRISHNA CABLE INDUSTRIES	Calibration Date	07.08.2020		
Address	340/2/9, GROUND & 1ST FLOOR STREET NO -1, Friends colony industrial area , Shahdara , Delhi 95	Calibration Due Dt	06.08.2021		
		Certificate Issue Dt.	09.08.2020		
		UUC Condition	Good		

### Calibration Instrument Detail

Sl	Instrument Name	Range	Least Count	Make / SI.No	Party ID / Location
1	Dig. Tensile Testing Machine	0-2500 N	1 N	Neha / 132	---

### Standard Equipments Used ( Traceable to National Standard )

Sl	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Due Date of Cal
1	Load Testing M/c	Minebea	Super Calibration	SCSPL/01-2020 LTM/039	25.01.2021

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
Comparison Method	Force Measurement	(50±10)%RH	(20 ± 2)°C	Laboratory

Calibration Procedure : As per Calibration Procedure Manual BCL / CPM / 01, Section No : M/CP - 77

Uncertainty Measurement : at approx 95% confidence level and coverage factor k = 2 is : ± 5 micron

### Calibration Results

Sr. No	Force N	Std. At Std Temp 23°C	Std. At Room Temp 23°C	Observed				Mean	Relative Accuracy Error %	Relative Repeatable Error %	Relative Resolution. %
				0°C	120°C	240°C	WO				
1	50	50.9	48.5	49.8	49.9	49.7	N/A	49.8	-2.61	0.40	1.93
2	100	98.5	99.3	99.8	99.6	99.4	N/A	99.6	-0.30	0.40	1.02
3	200	198.2	198.4	197.4	198.6	198.3	N/A	198.1	0.15	0.61	0.53
4	500	216.1	214.9	216.1	216.4	217.6	N/A	216.7	-0.83	0.69	0.20
5	1000	426.9	427.6	427.1	426.8	427.3	N/A	427.1	0.12	0.12	0.12
6	1500	633.5	635.8	634.7	635.5	635.7	N/A	635.3	0.08	0.16	0.07
7	2000	841.5	842.7	841.3	841.8	842.3	N/A	841.8	0.11	0.11	0.07
8	2500	1047.1	1048.3	1046.8	1047.3	1047.7	N/A	1047.3	0.10	0.09	0.04

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- 4 UUC - Unit under calibration

  
Calibration Engineer



  
(Santosh Kumar Kushwaha)  
Tech. Manager

16, Hindon Market, Near Hindon Air Force Karhera, Mohan Nagar, Ghaziabad (U.P.)-201007  
Ph.: 09911437758, 8750781444, E-mail : bcl80@rediffmail.com, info.bcl80@gmail.com