

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

URS Products and Testing Private Limited

A-18, Sector-5,

Noida-201301, Uttar Pradesh, India

has been assessed and accredited in accordance with the Standard

ISO/IEC 17025:2017

“General Requirements for the Competence of Testing and Calibration Laboratories”

In the field of

Testing

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued compliance to the above standard & any other requirements specified by QAI.



QAI/CIA/TL/2025/0153

Valid from: 10 December 2025

Valid until: 09 December 2027

A handwritten signature in black ink, appearing to read 'Bhupendra'.

Dr. Bhupendra Kumar Rana
Chief Executive Officer

A handwritten signature in black ink, appearing to read 'Vikram'.

Prof. Vikram Kumar
Chair, CIA



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Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
1.	PVC Insulated Unsheathed and Sheathed Cables/Cords with Rigid and Flexible Conductor for Rated Voltages Up to and Including 1100 V	Tests on Conductor:- Annealing test for Copper Conductor	Table 1 of IS 694:2010 (RA 2020) & Cl. 7.1.2 of IS 8130:2013 (RA 2018), IS 10810 (Part-1):1984 (RA 2011)
2.		Tests on Conductor:- Tensile test (for aluminum)	Table 1 of IS 694:2010 (RA 2020) & Cl.7.2.1 of IS 8130:2013 (RA 2018), IS 10810 (Part-2):1984 (RA 2011)
3.		Tests on Conductor:- Wrapping test (for aluminum)	Table 1 of IS 694: 2010 (RA 2020) & Cl.7.2.2 of IS8130:2013 (RA 2018), IS 10810 (Part-3):1984 (RA 2011)
4.		Tests on Conductor:- Conductor Resistance	Table 1 of IS 694:2010 (RA 2020) & Cl.7.3 of IS 8130:2013 (RA 2018), IS 10810 (Part-5):1984 (RA 2011)
5.		Tests on Conductor:- Persulphate test for Tinned copper	Table 1 of IS 694: 2010 (RA 2020) & Cl.7.1.1 of IS 8130:2013 (RA 2018) IS: 10810(Pt-4)-1984 (RA 2011)
6.		Tests on Conductor:- Test for Overall dimension, thickness of insulation & sheath	Table 1 of IS 694: 2010 (RA 2020) IS:10810 (P-6)-1984 (RA 2011)
7.		Test on insulation & Sheath:- Tensile strength & Elongation at break	Table 1 of IS 694: 2010 (RA 2020) & Cl.4.1 of IS:5831-1984 (RA 2011) IS: 10810 (Pt-7)-1984 (RA 2011)

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
8.	PVC Insulated Unsheathed and Sheathed Cables/Cords with Rigid and Flexible Conductor for Rated Voltages Up to and Including 1100 V	Test on insulation & Sheath:- Ageing in Air Oven	Table 1 of IS 694: 2010 (RA 2020) & Cl.4.1 of IS: 5831-1984 (RA 2011) IS: 10810 (Pt-11)-1984 (RA 2011)
9.		Test on insulation & Sheath:- Loss of mass test	Table 1 of IS 694: 2010 (RA 2020) & Cl.4.1 of IS 5831-1984 (RA 2011) IS 10810 (Pt-10)-1984 (RA 2011)
10.		Test on insulation & Sheath:- Shrinkage Test	Table 1 of IS 694: 2010 (RA 2020) & Cl.4.1 of IS: 5831-1984 (RA 2011) IS: 10810 (Pt-12)-1984 (RA 2011)
11.		Test on insulation & Sheath:- Heat Shock Test	Table 1 of IS 694: 2010 (RA 2020) & Cl.4.1 of IS 5831-1984 (RA 2011) IS: 10810 (Pt-14)-1984 (RA 2011)
12.		Test on insulation & Sheath:- Hot Deformation Test	Table 1 of IS 694: 2010 (RA 2020) & Cl.4.1 of IS:5831-1984 (RA 2011) IS: 10810 (Pt-15)-1984 (RA 2011)
13.		Test on insulation & Sheath:- Thermal Stability Test	Table 1 of IS 694:2010 (RA 2020) & Cl.4.1 of IS:5831-1984 (RA 2011) IS: 10810 (Pt-60)-1988 (RA 2015)
14.		Test on insulation & Sheath:- Cold Bend Test	Table 1 of IS 694: 2010 (RA 2020) & Cl.4.1 of IS: 5831-1984 (RA 2011) IS: 10810 (Pt-20)-1984 (RA 2011)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
15.	PVC Insulated Unsheathed and Sheathed Cables/Cords with Rigid and Flexible Conductor for Rated Voltages Up to and Including 1100 V	Test on insulation & Sheath:- Cold Impact Test	Table 1 of IS 694: 2010 (RA 2020) & Cl.4.1 of IS: 5831-1984 (RA 2011) IS: 10810 (Pt-21)-1984 (RA 2011)
16.		Test on complete cable: - Insulation Resistance test	Table 1 of IS 694: 2010 (RA 2020) & Cl.4.1 of IS: 5831-1984 (RA 2011) IS: 10810 (Pt-43)-1984 (RA 2011)
17.		Test on complete cable: - High Voltage Test at Room Temp.	Cl.10.2 & Table 1 of IS: 694: 2010 (RA 2020), IS: 10810 (Pt-45)-1984 (RA 2011)
18.		Test on complete cable: - Water Immersion Test (High Voltage test) a) AC Test b) DC Test	Cl.10.1 & Table 1 of IS 694:2010 (RA 2020), IS: 10810 (Pt-45)-1984 (RA 2011)
19.		Test on complete cable: - Flammability Test	Cl.10.4 & Table 1 of IS 694:2010 (RA 2020), IS: 10810 (Pt-53)-1984 (RA 2011)
20.		Test on complete cable: - Additional Ageing Tests	Clause 10.9 & Table 1 of IS 694:2010 (RA 2020)
21.		FR/FR-LSH properties: Temperature Index	Cl.10.7 of IS 694:2010 (RA 2020) IS: 10810 (Pt-64)-2003 (RA 2013)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Cables and Wires		
22.	PVC Insulated Unsheathed and Sheathed Cables/Cords with Rigid and Flexible Conductor for Rated Voltages Up to and Including 1100 V	FR/FR-LSH properties: Oxygen Index	Cl.10.5 of IS 694: 2010 (RA 2020) IS: 10810 (Pt-58)-1998 (RA 2014)
23.		FR/FR-LSH properties: Halogen Acid Gas Evaluation	Cl.10.6 of IS 694:2010 (RA 2020) IS: 10810 (Pt-59)-1988 (RA 2005)
24.		FR/FR-LSH properties: Smoke Density Rating	Cl.10.8 of IS 694:2010 (RA 2020) IS: 13360(Pt 6/Sec 9) -2001
25.		Durability	Cl.11.1 of IS 694:2010 (RA 2020)
26.		Legibility	Cl.11.2 of IS 694:2010 (RA 2020)
27.		General Requirements	Cl.12.1 of IS 694:2010 (RA 2020)
28.		Identification	Cl.11 of IS 694:2010 (RA 2020)
29.		Ovality	Cl.9.1 of IS 694:2010 (RA 2020)
30.		Conductor	Cl. 4 of IS 694:2010 (RA 2020)
31.		Insulation	Cl. 5 of IS 694: 2010 (RA 2020)
32.		Sheath	Cl. 8 of IS 694: 2010 (RA 2020)
33.		Filler	Cl. 6 of IS 694:2010 (RA 2020)
34.		Binder tape	Cl. 7 of IS 694:2010 (RA 2020)
35.		Core identification	Cl. 12 of IS 694: 2010 (RA 2020)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Conductors and Conducting Materials		
1.	Aluminium conductor for Overhead Transmission Purpose	Measurement of diameter of Aluminium wire	Cl.12.2 of IS 398 (Part-1): 1996 (RA 2012)
2.		Breaking load test of individual Aluminium wire	Cl.12.3 of IS 398 (Part-1): 1996 (RA 2012)
3.		Wrapping test for Aluminium	Cl.12.4 of IS 398 (Part-1): 1996 (RA 2012)
4.		Conductor Resistance test	Cl.12.5 of IS 398 (Part-1): 1996 (RA 2012)
5.		Measurement of lay ratio	Cl.12.6 of IS 398 (Part-1): 1996 (RA 2012)
6.		Diameter of Individual aluminium and steel wire	Cl.13.2 of IS 398 (Part-2): 1996 (RA 2012)
7.		Breaking load test of Aluminium wire	C.13.3.1 of IS 398 (Part-2): 1996 (RA 2012)
8.		Breaking load test of steel wire	Cl.13.3.1 of IS 398 (Part-2): 1996 (RA 2012)
9.		Ductility test	Cl.13.4 of IS 398 (Part-2): 1996 (RA 2012)
10.		Wrapping test	Cl.13.5 of IS 398 (Part-2): 1996 (RA 2012)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Conductors and Conducting Materials		
11.	Aluminium conductor for Overhead Transmission Purpose	Resistance test	Cl.13.6 of S 398 (Part-2): 1996 (RA 2012)
12.		Galvanizing test	Cl.13.7 of IS 398 (Part-2): 1996 (RA 2012)
13.		Measurement of lay ratio/ Direction of lay	Cl.13.8 of IS 398 (Part-2): 1996 (RA 2012)
14.		Freedom from defect	Cl.7 of IS 398 (Part-2): 1996 (RA 2012)
15.		Calculated breaking load	Annexure 3 of IS 398 (Part-2): 1996 (RA 2012)
16.		Diameter of wire	Cl.7.1 of IS 398 (Part-4): 1994 (RA 2019)
17.		Measurement of lay ratio	Cl.9.2 of IS 398 (Part-4): 1994 (RA 2019)
18.		Breaking load test of individual wire	Cl.12.2 of IS 398 (Part-4): 1994 (RA 2019)
19.		Elongation Test	Cl.12.3 of IS 398 (Part-4): 1994 (RA 2019)
20.		Calculated breaking load	Annexure 3 of IS 398 (Part-4): 1994 (RA 2019)

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Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Conductors and Conducting Materials		
21.	Aluminium conductor for Overhead Transmission Purpose	Resistance test	Cl.12.4 of IS 398 (Part-4): 1994 (RA 2019)
22.		Visual examination	Cl.13.3 of IS 398 (Part 2) : 2025
23.		Measurement of lay ratio/direction of lay	Cl.13.5 of IS 398 (Part 2) : 2025
24.		D.C. Resistance test on stranded conductor	Cl.13.12 of IS 398 (Part 2) : 2025
25.		Measurement of diameter of aluminium wire and steel wire	Cl.13.4 of IS 398 (Part 2) : 2025
26.		Breaking load test of aluminium wire and steel wire	Cl.13.6 of IS 398 (Part 2) : 2025
27.		Wrapping test of aluminium wire and steel wire	Cl.13.8 of IS 398 (Part 2) : 2025
28.		D.C. resistance test	Cl.13.9 of IS 398 (Part 2) : 2025
29.		Procedure qualification test on welded joint of aluminium strands	Cl.13.11 of IS 398 (Part 2) : 2025
30.		Ductility test	Cl.13.7 of IS 398 (Part 2) : 2025
31.		Galvanizing test	Cl.13.10 of IS 398 (Part 2) : 2025

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Plastics and Plastic Products		
1.	Polyethylene Material	Density	IS 7328:2020/IS 13360 (Part3/sec 10)/ASTM D792
2.		Melt Flow Index	IS 7328:2020/IS 13360 (Part 4/sec 1)/ASTM D1238

