Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : DRS Testing Technologies Private Limited

Address : C-13, SH-13, Sector 63A, G.B. Nagar, Noida – 201301 Uttar Pradesh

Certificate No.: T-0053

Issue date: 01.07.2026
Validity: 30.06.2030
Amendment date: 19.08.2026

Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Standard specifications/ Equipment/Techniques used	Facility
Descipline: Electronic **Group:** Electronic Components & Equipment Sub Assemblies **Product range: 200 gm to 200 kg**					
1	Electronic Weighing Systems (Scales and Balances)	Accuracy	% of rated output specific to class of product	IS 9281 (Part 2) CL.5	Permanent
2	Electronic Weighing Systems (Scales and Balances)	Non – Linearity	% of rated output specific to class of product	IS 9281 (Part 2) CL.6	Permanent
3	Electronic Weighing Systems (Scales and Balances)	Hysteresis (load cell)	% of rated output specific to class of product	IS 9281 (Part 2) CL.7	Permanent
4	Electronic Weighing Systems (Scales and Balances)	Sensitivity (load cell)	mv/v/rated load as specified by manufacturer	IS 9281 (Part 2) CL.8	Permanent
5	Electronic Weighing Systems (Scales and Balances)	Overload	As specified by manufacturer	IS 9281 (Part 2) CL.9	Permanent

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6	Electronic Weighing Systems (Scales and Balances)	Cross Sensitivity (load cell)	% of rated output specific to class of product	IS 9281 (Part 2) CL.10	Permanent
7	Electronic Weighing Systems (Scales and Balances)	Creep (load cell)	% of rated output specific to class of product	IS 9281 (Part 2) CL.11	Permanent
8	Electronic Weighing Systems (Scales and Balances)	Creep Recovery (load cell)	% of rated output specific to class of product	IS 9281 (Part 2) CL.12	Permanent
9	Electronic Weighing Systems (Scales and Balances)	Fatigue Capacity (load cell)	Computed value for tested product	IS 9281 (Part 2) CL.13	Permanent
10	Electronic Weighing Systems (Scales and Balances)	Repeatability (load cell)	Deviation full scale rated load for tested product	IS 9281 (Part 2) CL.14	Permanent
11	Electronic Weighing Systems (Scales and Balances)	Resolution	As specified by manufacturer	IS 9281 (Part 2) CL.15	Permanent
12	Electronic Weighing Systems (Scales and Balances)	Span (load cell)	Computed value for tested product	IS 9281 (Part 2) CL.16	Permanent

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13	Electronic Weighing Systems (Scales and Balances)	Drift - Time (weighing system); Temperature and Humidity (Load cell)	Computed value for tested product	IS 9281 (Part 2) CL.17	Permanent
14	Electronic Weighing Systems (Scales and Balances)	Insulation Resistance (load cell)	Min 1000 M Ohm to observed value	IS 9281 (Part 2) CL.18	Permanent
15	Electronic Weighing Systems (Scales and Balances)	Thermal Impedance (Excvitation and Signal) (Load cell)	Computed value for tested product	IS 9281 (Part 2) CL.19	Permanent
16	Electronic Weighing Systems (Scales and Balances)	Response Time (Load cell)	Computed value for tested product	IS 9281 (Part 2) CL.20	Permanent