

Test Equipment/Chemicals	Identification Numbers	Least Count and Range	Valid Calibration	Tests Used	Clause Reference	Remarks
Voltmeter with finger set	1	0.01V, 9.99 V	28.12.21	Protection against access to live parts	Cl. 8 of IS 302-2-35	Finger Test, Lab MTP
Voltmeter	2	0.1V, 0-600V	28.12.21	Power Input & Current	Cl.10 of IS 302-2-35	Lab MTP
Ammeter	3	0.01A, 0-20A	28.12.21	Power Input & Current	Cl.10 of IS 302-2-35	Lab MTP
Wattmeter	4	1W, 0-5000W	28.12.21	Power Input & Current	Cl.10 of IS 302-2-35	Lab MTP
Mili ampere Meter	7	0.01mA, 0-20mA	28.12.21	Leakage Current at operating Temperature	Cl.13 & 16 of IS 302-2-35	Lab MTP
Micro ampere Meter	65	0.1uA, 0-500uA	28.12.21	Leakage Current at operating Temperature	Cl.13 & 16 of IS 302-2-35	Lab MTP
Frequency Meter	70	0.01Hz, 45-60Hz	28.12.21			Lab MTP
IR Meter	6	NA,2 - ∞ M Ω	28.12.21	Leakage Current & Electric Strength at operating Temperature	Cl.13 of IS 302-2-35	Lab MTP
kv Meter	8	0.01kv, 0-3kv	28.12.21	Electric Strength at operating Temperature	Cl.13 & 16 of IS 302-2-35	
Voltmeter ECRT	31	0.01V, 9.99 V	28.12.21	Provision for Earthing	Cl. 27 of IS 302-2-35	
Ammeter ECRT	32	0.1A, 0-30A	28.12.21	Provision for Earthing	Cl. 27 of IS 302-2-35	
Dig Ampere Meter	37	0.1A, 0-200A	28.12.21	Resistance to Heat & Fire	Cl. 30 of IS 302-2-35	Glow wire Appratus
Dig Temperature Controller	38	1°C, 0-1200°C	28.12.21	Resistance to Heat & Fire	Cl. 30 of IS 302-2-35	Glow wire Appratus
Dig Timer Conroller	39	0.1Sec, 0-99.9 Sec	28.12.21	Resistance to Heat & Fire	Cl. 30 of IS 302-2-35	Glow wire Appratus
Digital Temperature Meter with 5 Sensor Wire	5	0.1°C, Ambient -350°C	28.12.21	Heating, Abnormal operation, Construction	Cl. 11, 19 & 22 of IS 302-2-35	
Dig. Temp Controller	10	0.1°C, 0-99.9°C	28.12.21	Moisture Resistance	Cl. 15 of IS 302-2-35	Humidity Chamber
Dig. Hygrometer	11	1%Rh, 0-99%Rh	28.12.21	Moisture Resistance	Cl. 15 of IS 302-2-35	Humidity Chamber
Hour Meter	12	0.01Hr, 0-99999.99Hr	28.12.21	Moisture Resistance	Cl. 15 of IS 302-2-35	Humidity Chamber
Vernier Caliper	35	0.02mm, 0-300mm	28.12.21	Screws & Connection Clearance, Creepage & Solid Insulation	Cl. 28 & 29 of IS 302-2-35	
Micrometer	36	0.001, 0-25mm	28.12.21	Screws & Connection Clearance, Creepage & Solid Insulation	Cl. 28 & 29 of IS 302-2-35	
Filler Gauge	34	0.03, 0.03 - 1mm	28.12.21	Screws & Connection Clearance, Creepage & Solid Insulation	Cl. 28 & 29 of IS 302-2-35	
Dig Temperature Controller	40	0.1°C, 0-300°C	28.12.21	Resistance to Heat & Fire	Cl. 30 of IS 302-2-35	Electric Hot air Oven
Analog Hour Meter	41	0.01Hr, 0-99999.99Hr	28.12.21	Resistance to Heat & Fire	Cl. 30 of IS 302-2-35	Electric Hot air Oven
Ball Pressure Appratus	42		28.12.21	Resistance to Heat & Fire	Cl. 30 of IS 302-2-35	
Dead Weight	16	6 kg	19.05.22	Supply connection & External Flexible cords	Cl. 25 of IS 302-2-350	Cord Grip Test Appratus
Spring Hammer	17	0.5J, 0-5 J	28.12.21	Mechanical Strength	Cl. 21 of IS 302-2-35	
kv Meter	8	0.01kv, 0-3kv	28.12.21	Leakage Current & Electric Strength at operating Temperature	Cl.13 of IS 302-2-35	

Stopwatch	9	0.01Sec, 0-24Hr	28.12.21	Leakage Current & Electric Strength at operating Temperature	Cl.13 of IS 302-2-35	
Test Corner, Felt Strips, Copper/Brass disc	14			Abnormal Operation	Cl. 19 of IS 302-2-35	
Angle D	16	0.5°, 180°	28.12.21	Stability & Mechanical hazard	Cl. 20 of IS 302-2-35	Inclined Test Appratus
Micro Ohm Meter	29	0-19.9 ohm, Variable	28.12.21	General Measurement		
Measuring Tape	28	1mm, 0-3000 mm	28.12.21	Supply connection & External Flexible cords	Cl. 25 of IS 302-2-35	
Torque Wrench	33	0.5nm, 3-14nm	28.12.21	Screw & Connection	Cl. 28 of IS 302-2-35	
Voltmeter	60	0.1V, 0-300V	28.12.21	Power Input & Current	Cl.10 of IS 302-2-35	Line Testing Panel
Ammeter	61	0.01A, 0-30A	28.12.21	Power Input & Current	Cl.10 of IS 302-2-35	Line Testing Panel
Wattmeter	62	1W, 0-6000W	28.12.21	Power Input & Current	Cl.10 of IS 302-2-35	Line Testing Panel
Mili ampere Meter	63	0.01mA, 0-20mA	28.12.21	Leakage Current	Cl.13 of IS 302-2-35	Line Testing Panel
Micro ampere Meter	64	0.1uA, 0-500uA	28.12.21	Leakage Current	Cl.13 of IS 302-2-35	Line Testing Panel
Voltmeter ECRT	66	0.01V, 9.99 V	28.12.21	Provision for Earthing	Cl. 27 of IS 302-2-35	Line Testing Panel
Ammeter ECRT	67	0.1A, 0-30A	28.12.21	Provision for Earthing	Cl. 27 of IS 302-2-35	Line Testing Panel
IR Meter	68	NA,2 - ∞ MΩ	28.12.21	Insulation Resistance	Cl.13 of IS 302-2-35	Line Testing Panel
Frequency Meter	69	0.01Hz, 45-60Hz	28.12.21			Line Testing Panel
Thermohygro Meter	71	0.1°C, 1%RH,-50 - 70°C,10 - 99%RH	28.12.21	Ambient Measurement		Lab ambient & Humidity
Travelling Microscope	43	0.01mm, 0-150mm	25.03.22	Resistance to Heat & Fire	Cl. 30 of IS 302-2-35	
Measuring Cylinder	72	1ml, 0-100 ml	25.03.22	Resistance to rusting	Cl. 31 of IS 302-2-35	
Measuring Cylinder	73	5ml, 0-500 ml	06.06.22	Resistance to rusting	Cl. 31 of IS 302-2-35	
Measuring Cylinder	74	25ml, 0-1000 ml	06.06.22	Resistance to rusting	Cl. 31 of IS 302-2-35	
Pressure Gauge	75	5psi, 0-300psi	06.06.22	Construction	Cl. 22 of IS 302-2-35	Pressure setup Lab
Pressure Gauge Negative Pressure	76	10mmhg ,-760 - 0 mmhg	06.06.22	Construction	Cl. 22 of IS 302-2-35	Vacum Gauge setup
Pressure Gauge Line Testing	77	5psi, 0-300psi	06.06.22	Construction	Cl. 22 of IS 302-2-35	Pressure setup Line
Ammonium Chloride	78			Resistance to rusting	Cl. 31 of IS 302-2-35	
Carbon Tetrachloride	79			Resistance to rusting	Cl. 31 of IS 302-2-35	
Glass Thermometer	80	1°C 0-110°C				Lab

Yours faithfully

Seal.....

Signature.....

Designation- DIRECTOR

Name:- MANOJ KHADELWAL

Onkar Engine & Generator (P) Limited
Manoj Khadewal
 Authorized Signatory