



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

DEEVIN SEISMIC SYSTEMS PVT LTD, 73-B, SECTOR C, MANDIDEEP, RAISEN, MADHYA
PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-13853

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Validity

05/06/2024 to 04/06/2026

Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	CHEMICAL- PLASTIC & RESINS	Plastic Material and Plastic products	Ash content by TGA	ASTM E 1131
2	CHEMICAL- PLASTIC & RESINS	Plastics Granules	Carbon Black Content	ASTM D 4218
3	CHEMICAL- PLASTIC & RESINS	Plastics Granules	Melt Flow Rate, 190 Degree Centigrade, 2.16KG & 5 Kg Load	ASTM D 1238
4	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber and Rubber Product	Ash Content by TGA	ASTM E 1131
5	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber material and rubber products	Polymer Identification by FTIR	ASTM E1252
6	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Ash Content	IS 3400-22
7	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Ozone Resistance	ASTM D 1149-18
8	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Polymer content	ASTM E 1131
9	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Polymer Identification	ASTM D 3677-10
10	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bridge Bearing Elastomeric	Shear Modulus Test	IRC-83, Part-II, Annexure C(c.2)
11	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bridge Bearing Spherical	Friction Test	IRC-83, Part-IV(n Cl. 7.4.2 , 7.5)
12	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Elastomeric	Compressive Stiffness	IRC 83 PART II Annexure C(c.3)
13	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Pot PTFE, Pin Metallic Guided	Friction Test, Rotation, Axial Load	IRC 83 PART III(Cl. 7.4.3.3.1, 7.4.3.3.2, 7.4.3.3.3)
14	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Spherical	Combined Load Test	IRC 83 Part IV (Cl. 7.4.2, 7.5)
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bridge Bearings - Spherical	Rotation Test	IRC PART IV(Cl 7.4.2, 7.5)



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16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Bridge Bearings -Spherical	Load Test - Vertical/ Horizontal	IRC 83 Part IV (Cl. 7.4.2, 7.5)
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Elastomeric Bearings	Shear Bond Test	IRC 83 PART II Annexure C(c.4)
18	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Expansion Joints	Cyclic Motion, Debris Expelling Pullout Test	IRC SP 69 (Cl. 8.3.2.1, 8.3.2.3, 8.3.2.4)
19	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness testing	IS 1586 Part 1
20	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pre stressing Components	Load Transfer Test	FIP (International federation for Pre stressing)
21	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pre Stressing Components	Anchorage Efficiency Test	BS 4447
22	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Sheet, Round Bar, Castings	Yeild Strength	IS 1608
23	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Sheet, Round Bars , Castings Steel	% Elongation at Break	IS 1608
24	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Sheet, Round Bars , Castings Steel	Bend Test	IS 1599
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Sheet, Round Bars , Castings Steel	Ultimate Tensile Strength	IS 1608
26	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Dumbbell (Unreinforced and Reinforced)	Tensile Stress, Tensile strength	ASTM D638
27	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products, Deevin Sliding Material	Density of Plastics	ASTM D 792
28	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials, Plastic Dumbbell	Elongation	ASTM D 638
29	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics Moulded Sheets , Sintered Products, Extruded Products, Thermoplastic Material, Thermoplastic Elastomer	HARDNESS SHORE D	ASTM D 2240
30	MECHANICAL- RUBBER AND RUBBER PRODUCTS	vulcanized (thermoset) rubber, elastomeric materials, cellular materials, gel-like materials, thermoplastic elastomers	HARDNESS SHORE A	ASTM D2240



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31	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Hardness	IS 3400 PART 2
32	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Abrasion Resistance	IS 3400 PART 3
33	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Adhesion	IS 3400 PART 14
34	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Compression Set	IS 3400 PART 10
35	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Density	IS 3400 PART 9
36	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Elongation at Break	IS 3400 PART 1
37	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Tear Strength	IS 3400 PART 12
38	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubber	Tensile Strength	IS 3400 PART 1
39	MECHANICAL- TEXTILE MATERIALS	Geo Strap	Shear Strength	ASTM D5321/D5321M
40	MECHANICAL- TEXTILE MATERIALS	Geo Strap	Shear Strength	IS 13326
41	MECHANICAL- TEXTILE MATERIALS	Geo Strap	Ultimate Tensile Strength	IS 16635
42	MECHANICAL- TEXTILE MATERIALS	Geocomposite , Geosynthetics	Thickness	ASTM D 5199
43	MECHANICAL- TEXTILE MATERIALS	Geocomposite, All Geotextiles and Geotextiles Related products	Mass per unit area (GSM)	ISO 9864
44	MECHANICAL- TEXTILE MATERIALS	Geocomposite, Geosynthetics	Thickness	EN ISO 9863-1
45	MECHANICAL- TEXTILE MATERIALS	Geocomposite, Geosynthetics , Woven Geotextiles, Non Woven Geotextiles, knitted geotextiles, Geonets	Wide Width Tensile Strength	BS EN ISO 10319
46	MECHANICAL- TEXTILE MATERIALS	Geocomposite, Geosynthetics , Woven Geotextiles, Non Woven Geotextiles, knitted geotextiles, Geonets, Geo composite and Geo strap	Elongation	BS EN ISO 10319
47	MECHANICAL- TEXTILE MATERIALS	Geostrap , Geosynthetic	Pullout Resistance	ASTM D6706
48	MECHANICAL- TEXTILE MATERIALS	Geostrap, Geogrid	Wide Width Tensile Strength	BS EN ISO 10319



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49	MECHANICAL- TEXTILE MATERIALS	Geosynthetics , Non woven, Geocomposite	CBR Puncture Resistance	ASTM D 6241
50	MECHANICAL- TEXTILE MATERIALS	Geosynthetics, Non woven, Geocomposite, Geotextiles	CBR Puncture Resistance	EN ISO 12236
51	MECHANICAL- TEXTILE MATERIALS	Geotextiles, Geocomposite	Mass per unit area(GSM)	ASTM D 5261
52	MECHANICAL- TEXTILE MATERIALS	Geotextiles, Geocomposite	Wide Width Tensile Strength	ASTM D 4595
53	MECHANICAL- TEXTILE MATERIALS	Non Woven	Apparent Opening Size (AOS)	ASTM D 4751
54	MECHANICAL- TEXTILE MATERIALS	Non Woven	Cone Drop Test	IS 13162 Part 4
55	MECHANICAL- TEXTILE MATERIALS	Non Woven	Cone Drop Test	ISO 13433
56	MECHANICAL- TEXTILE MATERIALS	Non Woven	Water Permeability	IS 14324
57	MECHANICAL- TEXTILE MATERIALS	Non Woven	Water Permeability	ISO 11058
58	MECHANICAL- TEXTILE MATERIALS	Non Woven	Water Permeability	ASTM D 4491
59	MECHANICAL- TEXTILE MATERIALS	Non woven Geotextile, Woven Geotextiles	Trapezoid Tearing Strength	ASTM D4533/D4533M
60	MECHANICAL- TEXTILE MATERIALS	Non woven Geotextiles	Grab Breaking Load	ASTM D4632/D4632M
61	MECHANICAL- TEXTILE MATERIALS	Non Woven Geotextiles	Grab Elongation	ASTM D4632/D4632M
62	MECHANICAL- TEXTILE MATERIALS	Non Woven Geotextiles	Index Puncture Resistance	ASTM D4833/D4833M
63	MECHANICAL- TEXTILE MATERIALS	Non Woven, Geo Composite	Mass Per Unit Area (GSM)	IS 14716
64	MECHANICAL- TEXTILE MATERIALS	Non Woven, Geo Composite, Geosynthetics	Thickness	IS 13162 PART 3
65	MECHANICAL- TEXTILE MATERIALS	Non Woven, Geotextile	Apparent Opening Size (AOS)	IS 14294
66	MECHANICAL- TEXTILE MATERIALS	Polyester Yarn, monofilament, multifilament, spun yarn	Breaking Force	ASTM D2256/D2256M
67	MECHANICAL- TEXTILE MATERIALS	Polyester Yarn, monofilament, multifilament, spun yarn	Yarn Elongation at force	ASTM D2256/D2256M