National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PIBCO LIMITED R & D CENTRE, 2, KALKAJI INDUSTRIAL AREA, NEW DELHI, DELHI, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5219 **Page No** 1 of 5
Validity 14/10/2021 to 13/10/2023 **Last Amended on** 18/10/2021

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 Facility				
1	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	corrosiveness	ASTM C 665
2	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	Determination of oil	IS 3144 (Cl. 20)
3	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	DETERMINATION OF WATER VAPOUR PERMEANCE	IS 3144 (Cl. 23)
4	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	Evaluation of Extraction Solutions Containing Ions Leached from Thermal insulation on Aqueous Corrosion of Metals	ASTM C 1617
5	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	External Stress corrosion cracking of austenitic stainless steel	ASTM C 692-13
6	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	Leachable Chloride Ion	ASTM C 871
7	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	Leachable Fluoride Ion	ASTM C 871
8	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	Leachable Sodium Ion	ASTM C 871
9	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	Odour Emission Test	IS 3144 (Cl. 18)
10	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	Organic Matter	IS 3144 (Cl. 27)
11	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	pH	ASTM C 871
12	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/ Thermal Insulation Material	Test of Alkalinity (pH)	IS 3144 (Cl. 25)
13	CHEMICAL- BUILDING MATERIAL	Bonded Mineral Wool/ Thermal Insulation Materials/Others	Determination of Chloride Content	IS 3144 (Cl. 26)
14	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/Thermal Insulation Material	Determination of Sulphur	IS 3144: (Cl:19)
15	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/Thermal Insulation Material	Odor emission	ASTM C 1304-13
16	CHEMICAL- BUILDING MATERIAL	Bonded Mineral wool/Thermal Insulation Material	Silica	IS 1527
17	CHEMICAL- BUILDING MATERIAL	Ceramic Fiber & product/Thermal Insulation Material	Silica	IS 12107 pt- 2

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18	CHEMICAL- BUILDING MATERIAL	Ceramic Fiber & product/Thermal Insulation Material/Others	Aluminium	IS 12107 pt-3
19	CHEMICAL- BUILDING MATERIAL	Ceramic Fiber & product/Thermal Insulation Material/Others	Aluminium	IS 1335
20	CHEMICAL- BUILDING MATERIAL	Ceramic Fiber & product/Thermal Insulation Material/Others	Iron	IS 12107 pt-6
21	CHEMICAL- BUILDING MATERIAL	Ceramic Fiber & product/Thermal Insulation Material/Others	Iron	IS 1527
22	CHEMICAL- BUILDING MATERIAL	Ceramic Fiber & product/Thermal Insulation Material/Others	loss on ignition	IS 1527
23	CHEMICAL- BUILDING MATERIAL	Ceramic Fiber & product/Thermal Insulation Material/Others	Titanium	IS 12107 pt-5
24	CHEMICAL- BUILDING MATERIAL	Ceramic Fiber & product/Thermal Insulation Material/Others	Titanium	IS 1527
25	CHEMICAL- BUILDING MATERIAL	Thermal Insulation Materials/ Others	Corrosion Under Insulation	ASTM G189 :07 e1
26	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Incombustibility	IS 3144 (Cl. 16)
27	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/ Thermal Insulation Material	Determination of setting due to Jolting	BS 2972
28	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/ Thermal Insulation Material	Determination of setting due to Jolting	IS 3144(Cl. 22)
29	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/ Thermal Insulation Material	Determination of setting due to Vibration	BS 2972
30	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/ Thermal Insulation Material	Determination of setting due to Vibration	IS 3144 (Cl. 22)
31	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/ Thermal Insulation Material	Length & width	IS 3144 (Cl. 6)
32	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/ Thermal Insulation Material	Resistance to Compression	IS 3144 (Cl. 8)
33	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral wool/ Thermal Insulation Material	Thickness	IS 3144 (Cl. 7)
34	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/ Thermal Insulation Material/ Materials equivalent to Slab	Thermal Conductivity	ASTM C 177
35	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/ Thermal Insulation Material/ Materials equivalent to Slab	Thermal Conductivity	ASTM C 518
36	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/ Thermal Insulation Material/Materials equivalent to Slab	Thermal Conductivity	IS 3346

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37	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Bulk Density	IS 3144: (Cl. 9)
38	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Compressive Properties	ASTM C 165
39	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Density	ASTM C 167
40	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Determination of Bulk Density under specific Load	IS 3144 (Cl. 10)
41	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Determination of Moisture Absorption	IS 3144 (Cl. 15)
42	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Determination of Moisture Content on as received basis	IS 3144 (Cl. 14)
43	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Determination of recovery after compression	IS 8183 (Annex A), Cl No. 4.3)
44	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Determination of Shot	IS 3144 (Cl. 13)
45	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Dimensions	ASTM C 303
46	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Flexibility	ASTM C 1101/C1101M
47	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Heat Resistance	IS 8183
48	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Heat Stability	BS 2972
49	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Hot Surface performance	ASTM C 411-17
50	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Linear Shrinkage	ASTM C 356
51	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Maximum Service temperature	EN 14706
52	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Maximum Use Temperature	ASTM C 447
53	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral wool/Thermal Insulation Material	Non- combustibility	ISO 1182
54	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Shot Content	ASTM C 1335
55	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Test for maximum Recommended Temperature	IS 3144 (Cl. 12)

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56	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral wool/Thermal Insulation Material	Water Absorption by Immersion	ASTM C 1763
57	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Water absorption by partial Immersion	EN 13472
58	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Water absorption by partial immersion	EN ISO 29767
59	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral wool/Thermal Insulation Material	Water Retention(Repellency)	ASTM C 1511
60	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material	Water Vapor Sorption	ASTM C 1104
61	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material/ Materials equivalent to Slab	Thermal Conductivity	BS 874 : 2
62	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material/ Materials equivalent to Slab	Thermal Conductivity	EN 12667
63	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral Wool/Thermal Insulation Material/ Materials equivalent to Slab	Thermal Conductivity	ISO 8302
64	MECHANICAL- BUILDINGS MATERIALS	Bonded Mineral wool/Thermal Insulation Materials	DETERMINATION OF FIBRE DIAMETER	IS 3144 (Cl. 24)
65	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Bulk Density	IS 14656
66	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Compressive Strength	BS 4370
67	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Compressive Strength	IS 11239-11
68	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Fibre Dia	IS 1465
69	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Linear Shrinkage	BS 1902
70	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Linear Shrinkage	IS 14656
71	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Shot Content	IS 14656
72	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Tensile Strength	ASTM C 209
73	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Tensile Strength	BS 1902-6
74	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fiber & product/Thermal Insulation Material	Tensile Strength	IS 14656

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75	MECHANICAL- BUILDINGS MATERIALS	Polyurethane Foam (PUF) /Poly Iso-Cynaurate (PIR) /Thermal Insulation Material	Dimensional Stability	IS 11239-3
76	MECHANICAL- BUILDINGS MATERIALS	Polyurethane Foam (PUF) /Poly Iso-Cynaurate (PIR) /Thermal Insulation Material	Water Vapour Permeability	IS 11239-4