

LIST OF TESTING SERVICES AVAILABLE AT NTH(NWR), JAIPUR

Sl no	Region Name	Division	Material/Component/Product	Test Facilities	Specification	nabl	bis	approx_duration (in Days)
1	JAIPUR	ELECTRICAL TESTING	PVC insulated Cables Single Core Indoor (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13)	Full Test	IS 694	Yes	Yes	25
2	JAIPUR	ELECTRICAL TESTING	PVC insulated Cables each extra core	Full Test	IS 694	Yes	Yes	25
3	JAIPUR	ELECTRICAL TESTING	PVC insulated Cables Single Core OUSZ (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14)	Full Test	IS 694	Yes	Yes	25
4	JAIPUR	ELECTRICAL TESTING	PVC insulated Cable each extra core OUSZ	Full Test	IS 694	Yes	Yes	25
5	JAIPUR	ELECTRICAL TESTING	Construction details for BIS Applicant	Full Test	IS 694	Yes	Yes	25
6	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	Full Test	IS 694	Yes	Yes	25
7	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS each extra Core	Full Test	IS 694	Yes	Yes	10
8	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	TESTS on CONDUCTOR (Annealing Test for Copper)	IS 694	Yes	Yes	1
9	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	TESTS on CONDUCTOR (Tensile Test for Aluminium)	IS 694	Yes	Yes	1
10	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	TESTS on CONDUCTOR (Wrapping Test for Aluminium)	IS 694	Yes	Yes	1
11	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	TESTS on CONDUCTOR (Resistance Test)	IS 694	Yes	Yes	1
12	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	Test for overall dimensions & thickness of Insulation & Sheath	IS 694	Yes	Yes	10
13	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	PHYSICAL TEST ON INSULATION & SHEATH (Tensile Strength & Elongation at break)	IS 694	Yes	Yes	2
14	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	PHYSICAL TEST ON INSULATION & SHEATH (Loss of Mass)	IS 694	Yes	Yes	10
15	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	PHYSICAL TEST ON INSULATION & SHEATH (Ageing in Air Oven)	IS 694	Yes	Yes	12
16	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	PHYSICAL TEST ON INSULATION & SHEATH (Shrinkage Test)	IS 694	Yes	Yes	2
17	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	PHYSICAL TEST ON INSULATION & SHEATH (Heat Shock Test)	IS 694	Yes	Yes	2
18	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	PHYSICAL TEST ON INSULATION & SHEATH (Hot Deformation Test)	IS 694	Yes	Yes	2
19	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	PHYSICAL TEST ON INSULATION & SHEATH (Insulation Resistance)	IS 694	Yes	Yes	5
20	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	PHYSICAL TEST ON INSULATION & SHEATH (High Voltage Test (Water Immersion))	IS 694	Yes	Yes	5
21	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	PHYSICAL TEST ON INSULATION & SHEATH (Flammability Test)	IS 694	Yes	Yes	5
22	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	Optional Tests (As per Test Request)-Cold Bend Test	IS 694	Yes	Yes	2
23	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	Optional Tests (As per Test Request)-Cold Impact Test	IS 694	Yes	Yes	2
24	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	Optional Tests (As per Test Request)-Additional Ageing Test	IS 694	Yes	Yes	14
25	JAIPUR	ELECTRICAL TESTING	PVC Insulated Cable FRLS Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,15)	FRLS Properties (Chemical)	IS 694	Yes	Yes	15
26	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	Full Test	IS 1554 (1)	Yes	Yes	25
27	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Each Extra Core		IS 1554 (1)	Yes	Yes	25
28	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	TESTS on CONDUCTOR (Annealing Test on Copper)	IS 1554 (1)	Yes	Yes	1
29	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	TESTS on CONDUCTOR (Tensile Test on Aluminium)	IS 1554 (1)	Yes	Yes	1
30	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	TESTS on CONDUCTOR (Wrapping Test for Aluminium)	IS 1554 (1)	Yes	Yes	1
31	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	TESTS on CONDUCTOR (Resistance Test)	IS 1554 (1)	Yes	Yes	1
32	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	Test for overall dimensions & thickness of Insulation & Sheath	IS 1554 (1)	Yes	Yes	1
33	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (Tensile Strength & Elongation at break)	IS 1554 (1)	Yes	Yes	2

34	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (Loss of Mass)	IS 1554 (1)	Yes	Yes	6
35	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (Ageing in Air Oven)	IS 1554 (1)	Yes	Yes	12
36	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (Shrinkage Test)	IS 1554 (1)	Yes	Yes	2
37	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (Heat Shock Test)	IS 1554 (1)	Yes	Yes	2
38	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (Hot Deformation Test)	IS 1554 (1)	Yes	Yes	2
39	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (Insulation Resistance)	IS 1554 (1)	Yes	Yes	4
40	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (High Voltage Test (Water Immersion))	IS 1554 (1)	Yes	Yes	4
41	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (High Voltage Test at Room Temperature)	IS 1554 (1)	Yes	Yes	2
42	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (Flammability Test)	IS 1554 (1)	Yes	Yes	2
43	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	PHYSICAL TEST ON INSULATION & SHEATH (Thermal Stability)	IS 1554 (1)	Yes	Yes	2
44	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	Optional Tests (As per Test Request)-Cold Bend Test	IS 1554 (1)	Yes	Yes	2
45	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	Optional Tests (As per Test Request)-Cold Impact Test	IS 1554 (1)	Yes	Yes	2
46	JAIPUR	ELECTRICAL TESTING	PVC Cables Mining Single Core (A1,2,3,4 B, C5,6,7,8,9,10,11,12,13,14,15,16(iii))	Optional Tests (As per Test Request)-Armour Resistance Test	IS 1554 (1)	Yes	Yes	1
47	JAIPUR	ELECTRICAL TESTING	PVC Cable Single Core	Partial Test	IS 14494	No	No	40
48	JAIPUR	ELECTRICAL TESTING	PVC Cable each extra core	Partial Test	IS 14494	No	No	40
49	JAIPUR	ELECTRICAL TESTING	XLPE insulated, PVC sheathed, Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19)	Type Test	IS 7098(1)	Yes	Yes	25
50	JAIPUR	ELECTRICAL TESTING	XLPE insulated, PVC sheathed, Each Extra Core	Type Test	IS 7098(1)	Yes	Yes	30
51	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	TESTS on CONDUCTOR (Annealing Test on Copper)	IS 7098(1)	Yes	Yes	1
52	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	TESTS on CONDUCTOR (Tensile Test on Aluminium)	IS 7098(1)	Yes	Yes	1
53	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	TESTS on CONDUCTOR (Wrapping Test on Aluminium)	IS 7098(1)	Yes	Yes	1
54	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	TESTS on CONDUCTOR (Resistance Test)	IS 7098(1)	Yes	Yes	1
55	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Test on Armouring Wire / Strips	IS 7098(1)	Yes	Yes	1
56	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Test for thickness of Insulation & Sheath	IS 7098(1)	Yes	Yes	1
57	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	PHYSICAL TEST ON INSULATION (Tensile Strength & Elongation at break)	IS 7098(1)	Yes	Yes	1
58	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	PHYSICAL TEST ON INSULATION (Hot Set Test)	IS 7098(1)	Yes	Yes	2
59	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	PHYSICAL TEST ON INSULATION (Ageing in Air Oven)	IS 7098(1)	Yes	Yes	10
60	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	PHYSICAL TEST ON INSULATION (Shrinkage Test)	IS 7098(1)	Yes	Yes	1
61	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	PHYSICAL TEST ON INSULATION (Water Absorbion Test)	IS 7098(1)	Yes	Yes	16
62	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Physical Test on Outer Sheath (Tensile Strength & Elongation at break)	IS 7098(1)	Yes	Yes	2
63	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Physical Test on Outer Sheath (Loss of Mass Test)	IS 7098(1)	Yes	Yes	10
64	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Physical Test on Outer Sheath (Ageing in Air Oven)	IS 7098(1)	Yes	Yes	10
65	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Physical Test on Outer Sheath (Shrinkage Test)	IS 7098(1)	Yes	Yes	2
66	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Physical Test on Outer Sheath (Hot Deformation Test)	IS 7098(1)	Yes	Yes	2
67	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Physical Test on Outer Sheath (Heat Shock Test)	IS 7098(1)	Yes	Yes	1
68	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Physical Test on Outer Sheath (Thermal Stability Test)	IS 7098(1)	Yes	Yes	1

69	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Physical Test on Outer Sheath (Insulation Resistance)	IS 7098(1)	Yes	Yes	2
70	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	High Voltage Test	IS 7098(1)	Yes	Yes	2
71	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Flammability Test	IS 7098(1)	Yes	Yes	1
72	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Cold Bend / Cold Impact Test (Optional)	IS 7098(1)	Yes	Yes	2
73	JAIPUR	ELECTRICAL TESTING	XLPE Insulated Cable FRLS Single Core (A1,2,3,4 B, C, D5,6,7,8,9 E10 - 19,22)	Resistance Test on Armour (Optional)	IS 7098(1)	Yes	Yes	1
74	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Full Test	IS 14255	Yes	Yes	25
75	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Test on Phase / Street Light Conductor (Tensile Test)	IS 14255	Yes	Yes	1
76	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Test on Phase / Street Light Conductor (Wrapping Test)	IS 14255	NO	NO	1
77	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Test on Phase / Street Light Conductor (Resistance Test)	IS 14255	NO	NO	1
78	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Test on Messenger Conductor (Breaking Load Test)	IS 14255	NO	NO	1
79	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Test on Messenger Conductor (Elongation Test)	IS 14255	NO	NO	1
80	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Test on Messenger Conductor (Resistance Test)	IS 14255	NO	NO	1
81	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Physical Test on XLPE Insulation (Tensile Strength & Elongation at break)	IS 14255	NO	NO	2
82	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Physical Test on XLPE Insulation (Hot Set Test)	IS 14255	NO	NO	2
83	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Physical Test on XLPE Insulation (Ageing in Air Oven)	IS 14255	NO	NO	10
84	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Physical Test on XLPE Insulation (Shrinkage Test)	IS 14255	NO	NO	2
85	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Physical Test on XLPE Insulation (Water Absorbtion Test)	IS 14255	NO	NO	16
86	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Physical Test on XLPE Insulation (Test for thickness of Insulation)	IS 14255	NO	NO	2
87	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	Insulation Resistance (Volume Resistivity)	IS 14255	NO	NO	2
88	JAIPUR	ELECTRICAL TESTING	Ariel Bunched Cable	High Voltage Test	IS 14255	NO	NO	1
89	JAIPUR	RPPT	Paper	Substance (GSM)	IS 1060	Yes	No	1
90	JAIPUR	RPPT	Paper	Thickness	IS 1060	Yes	No	1
91	JAIPUR	RPPT	Paper	Bulk	IS 1060	Yes	No	1
92	JAIPUR	RPPT	Paper	Moisture content	IS 1060	Yes	No	2
93	JAIPUR	RPPT	Paper	PH Value	IS 1060	Yes	No	1
94	JAIPUR	RPPT	Paper	Ash Content	IS 1060	Yes	No	2
95	JAIPUR	RPPT	Paper	Tensile strength Machine/ cross direction	IS 1060	Yes	No	1
96	JAIPUR	RPPT	Paper	Bursting strength/burst factor	IS 1060	Yes	No	1
97	JAIPUR	RPPT	Paper	Folding Endurance	IS 1060	Yes	No	1
98	JAIPUR	RPPT	Paper	Tearing Resistance	IS 1060	Yes	No	1
99	JAIPUR	RPPT	Paper	Water penetration cobb test	IS 1060	Yes	No	1
100	JAIPUR	RPPT	Paper	water absorbency	IS 1060	Yes	No	1
101	JAIPUR	RPPT	Paper	Gloss	IS 1060	Yes	No	1
102	JAIPUR	RPPT	Paper	Opacity	IS 1060	Yes	No	1
103	JAIPUR	RPPT	Paper	Brightness	IS 1060	Yes	No	1
104	JAIPUR	RPPT	Paper	Wax Pick number	IS 1060	No	No	1
105	JAIPUR	RPPT	Paper	whiteness of paper	IS 1060	Yes	No	1
106	JAIPUR	RPPT	Paper	Smoothness/ porosity	IS 1060	Yes	No	1
107	JAIPUR	RPPT	Paper	Writing & Printing Paper - Full Test	IS 1848	Yes	No	14
108	JAIPUR	RPPT	Paper	Plain copier Paper - Full Test	IS 14490	Yes	No	14
109	JAIPUR	RPPT	Paper	Computer paper - Full Test	IS 12766	Yes	No	14
110	JAIPUR	RPPT	Plastic	Dimensions general	IS 12235	Yes	YES	1
111	JAIPUR	RPPT	Plastic	Density /specific gravity	IS 12235	yes	YES	2
112	JAIPUR	RPPT	Plastic	Tensile strength elongation before ageing	IS 3400	Yes	Yes	1
113	JAIPUR	RPPT	Plastic	Tensile strength elongation after ageing	IS 3400	Yes	Yes	3
114	JAIPUR	RPPT	Plastic	Vicat softening point	IS 12235	Yes	yes	1
115	JAIPUR	RPPT	Plastic	Melt flow index	IS 2530	Yes	Yes	1
116	JAIPUR	RPPT	Plastic	Reversion test of pipe	IS 12235	Yes	yes	1
117	JAIPUR	RPPT	Plastic	Hydraulic test (Burst/proof/leakage) at ambient temperature each test	Relevant	Yes	yes	48 Hour,1000 Hour
118	JAIPUR	RPPT	Plastic	Resistance to sulphuric acid for PVC	Relevant	Yes	yes	2
119	JAIPUR	RPPT	Plastic	Effect on water of PVC pipe	Relevant	Yes	yes	7
120	JAIPUR	RPPT	Plastic	Opacity test	Relevant	Yes	yes	1
121	JAIPUR	RPPT	Plastic	Water vapour permeability testr	Relevant	No	No	7
122	JAIPUR	RPPT	Plastic	Hydraulic pressure test	IS 4985	Yes	yes	48 hour/1000 hour
123	JAIPUR	RPPT	Plastic	Closure leakage test	Relevant	No	No	7
124	JAIPUR	RPPT	Plastic	Shrinkage in air oven	IS 4984	Yes	yes	1
125	JAIPUR	RPPT	Plastic	Cold resistance test	IS 4985	Yes	yes	2
126	JAIPUR	RPPT	Plastic	Over all migration test	IS 12235	Yes	yes	14
127	JAIPUR	RPPT	Plastic	HDPE pipes(Full tests)	IS 4984	yes	yes	14
128	JAIPUR	RPPT	Bitumen felt	Weight /unit area	ASTM	NO	NO	

129	JAIPUR	RPPT	Bitumen felt	Bitumen content	ASTM	NO	NO	
130	JAIPUR	RPPT	Bitumen felt	Filling material content	ASTM	NO	NO	
131	JAIPUR	RPPT	Bitumen felt	Softening point of bitumen	ASTM	NO	NO	
132	JAIPUR	RPPT	Bitumen felt	Water absorption test	ASTM	NO	NO	
133	JAIPUR	RPPT	Bitumen felt	Heat resistance test	ASTM	NO	NO	
134	JAIPUR	Chemical	Metal & Alloys	Carbon Steel-5 element	IS 2062	Yes	No	5
135	JAIPUR	Chemical	Metal & Alloys	Carbon Steel with micro elements	IS 2062	Yes	No	5
136	JAIPUR	Chemical	Metal & Alloys	HSDS Bar (C,S,P, & S+P)	IS 1786	Yes	No	5
137	JAIPUR	Chemical	Metal & Alloys	HSDS Bar with micro-alloying elements	IS 1786	Yes	yes	5
138	JAIPUR	Chemical	Metal & Alloys	Stainless Steel & Tool Steel	Relevant	Yes	No	5
139	JAIPUR	Chemical	Metal & Alloys	Anodic Coating on Aluminium ALLOY	IS 5523	yes	No	5
140	JAIPUR	Chemical	Metal & Alloys	Galvanization (Mass & Uniformity of zinc coating)	Relevant	Yes	No	5
141	JAIPUR	Chemical	Metal & Alloys	Elements (Ferrous & non-ferrous) by OES Method Complete analysis upto 5-element. (each additional element Rs.500/-)	ASTM	Yes	No	7
142	JAIPUR	Chemical	Metal & Alloys	Elements (Ferrous & non-ferrous) by OES Method per individual element	ASTM	Yes	No	7
143	JAIPUR	Chemical	Building Materials	Cement all type	IS 269/8112	Yes	Yes	7
144	JAIPUR	Chemical	Building Materials	Concrete mixing ratio / cement mortar/	IS 1489/	No	No	10
145	JAIPUR	Chemical	Building Materials	Chloride content ,	Relevant	Yes	Yes	2
146	JAIPUR	Chemical	Building Materials	Preservative in wood	Relevant	Yes	No	15
147	JAIPUR	Chemical	Building Materials	Lime & Lime stone (chemical tests)	Relevant	No	No	15
148	JAIPUR	Chemical	Building Materials	Cement Concrete	ASTM	No	No	10
149	JAIPUR	Chemical	Building Materials	Fly Ash	IS 3812	Yes	Yes	40
150	JAIPUR	Chemical	Building Materials	Admixture	IS 9103	NO	No	10
151	JAIPUR	Chemical	WATER & DISINFECTANT	Water for construction use Chemical Tests	IS 456	Yes	Yes	7
152	JAIPUR	Chemical	WATER & DISINFECTANT	Drinking Water	IS 10500	Yes	No	12
153	JAIPUR	Chemical	WATER & DISINFECTANT	Water Bacteriological Examination (Coliform organism)	IS 10500	Yes	No	4
154	JAIPUR	Chemical	WATER & DISINFECTANT	Water for Marine Boilers	IS 1813	No	No	12
155	JAIPUR	Chemical	WATER & DISINFECTANT	Water for Swimming Pools	IS 3328	No	No	12
156	JAIPUR	Chemical	WATER & DISINFECTANT	Industrial Effluent Water up to 6 Test	IS 2490 P-1	No	No	12
157	JAIPUR	Chemical	WATER & DISINFECTANT	Industrial Effluent inorganic/organic elements/ Compounds (Qualitative/ Quant.)	Relevant	No	No	12
158	JAIPUR	Chemical	WATER & DISINFECTANT	BOD in effluent water	Relevant	No	No	5
159	JAIPUR	Chemical	WATER & DISINFECTANT	COD in effluent water	Relevant	No	No	5
160	JAIPUR	Chemical	WATER & DISINFECTANT	Packaged Drinking Water (Excluding Microbiology, Pesticides and Radio active substance)	IS 14543	Yes	yes	12
161	JAIPUR	Chemical	Analysis of Chemical fertiliser as per schedule II of Fertilizer Control Order 1985 For One Single Parameter for each sample	FCO	FCO	No	No	3
162	JAIPUR	Chemical	Analysis of Chemical fertiliser as per schedule II of Fertilizer Control Order 1986 for One full sample consisting of more than 7 parameters	FCO	FCO	No	No	10
163	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Consistency	IS 4031 (Pt-4)	YES	YES	1
164	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Fineness by Blaine's Apparatus (Including Specific gravity)	IS 4031 (Pt-2)	YES	YES	2
165	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Setting Time	IS 4031 (Pt-5)	YES	YES	1
166	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Soundness by Le Chatlier's method	IS 4031 (Pt-3)	YES	YES	2
167	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Soundness by autoclave method	IS 4031 (Pt-3)	YES	YES	2
168	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Compressive Strength (3 duration)	IS 4031 (Pt-6)	YES	YES	28
169	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Sulphate Expansion Test	IS 12330	YES	NO	14
170	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Drying Shrinkage	IS 4031 (Pt-10)	YES	YES	35
171	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Particle retained on 45 micron sieve	IS 4031 (Pt-2)	YES	YES	2
172	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Compressive Strength 2 durations	IS 4031 (Pt-6)	YES	YES	28
173	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Degree of Whiteness	IS 8041	NO	YES	1
174	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Specific Gravity of Cement	IS 4031 (Pt-11)	YES	YES	1
175	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Chemical Analysis for Cement	IS 4032	YES	YES	7
176	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	33 Gr OPC -Full test	IS 269	YES	YES	40
177	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	43 Gr OPC -Full test	IS 269	YES	YES	40
178	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	53 Gr OPC -Full test	IS 269	YES	YES	40
179	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Portland Slag Cement -Full test	IS 455	YES	YES	40
180	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Sulphate Resisting Portland Cement -Full test	IS 12330	YES	NO	40
181	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Portland Pozzolana Cement-Full test	IS 1489(Pt-1,2)	YES	YES	40
182	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	White Portland Cement - Full test	IS 8042	YES	YES	40
183	JAIPUR	Civil	CEMENT AND ALLIED PRODUCTS	Rapid hardening portland cement - Full test	IS 8041	YES	YES	40
184	JAIPUR	Civil	Pulverized Fuel Ash - Full test	Fineness by Blaine's Apparatus (including Specific Gravity)	IS 1727	YES	YES	2
185	JAIPUR	Civil	Pulverized Fuel Ash - Full test	Drying Shrinkage	IS 1727	YES	YES	35
186	JAIPUR	Civil	Pulverized Fuel Ash - Full test	Lime reactivity	IS 1727	YES	YES	15
187	JAIPUR	Civil	Pulverized Fuel Ash - Full test	Compressive Strength of Fly ash(comparative)	IS 1727	YES	YES	28

188	JAIPUR	Civil	Pulverized Fuel Ash - Full test	Soundness by autoclave expansion of Fly ash	IS 1727	YES	YES	2
189	JAIPUR	Civil	Pulverized Fuel Ash - Full test	Particle retained on 45 micron sieve	IS 1727	YES	YES	2
190	JAIPUR	Civil	Pulverized Fuel Ash - Full test	Chemical Analysis for fly ash	IS 1727	YES	YES	40
191	JAIPUR	Civil	Pulverized Fuel Ash - Full test	Free moisture and loss on ignition	IS 1727	NO	NO	5
192	JAIPUR	Civil	Pulverized Fuel Ash - Full test	Pulverized Fuel Ash - Full test	IS 3812	YES	YES	40
193	JAIPUR	Civil	TIMBER	Moisture content	IS 1708/IS 1734/IS 2380	YES	YES	2
194	JAIPUR	Civil	TIMBER	Specific Gravity	IS 1708/IS 1734/IS 2380	YES	YES	2
195	JAIPUR	Civil	TIMBER	Static Bending	IS 1734/IS 2380	YES	YES	7
196	JAIPUR	Civil	TIMBER	Tensile Strength (parallel)	IS 1734	YES	YES	7
197	JAIPUR	Civil	TIMBER	Nail holding power	IS 1734/IS 2380	NO	NO	7
198	JAIPUR	Civil	TIMBER	Screw holding power	IS 1734/IS 2380	YES	YES	7
199	JAIPUR	Civil	TIMBER	Defects of Timber	IS 303/ IS 710/ IS1328/IS 4990	YES	YES	1
200	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Moisture Content	IS 2202 (Pt-1)	YES	YES	2
201	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Screw holding power	IS 4020	YES	YES	2
202	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Dimensions & Construction	IS 4020	YES	YES	1
203	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Squareness	IS 4020	YES	YES	1
204	JAIPUR	Civil	FLUSH DOOR SHUTTERS	General flatness	IS 4020	YES	YES	1
205	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Local planeness	IS 4020	YES	YES	1
206	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Impact indentation	IS 4020	YES	YES	1
207	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Edge loading test	IS 4020	YES	YES	1
208	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Shock resistance test	IS 4020	YES	YES	1
209	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Buckling test	IS 4020	YES	YES	1
210	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Misuse Test	IS 4020	YES	YES	1
211	JAIPUR	Civil	FLUSH DOOR SHUTTERS	End Immersion test	IS 4020	YES	YES	20
212	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Glue adhesion test	IS 4020	YES	YES	2
213	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Adhesion of plies (Knife test)	IS 4020	YES	YES	1
214	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Varying humidity test	IS 4020	YES	YES	21
215	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Flexure test	IS 4020	YES	YES	1
216	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Slamming Test	IS 4020	YES	YES	1
217	JAIPUR	Civil	FLUSH DOOR SHUTTERS	Solid core Ply wood face panels -Full test	IS 2202 (Pt-1)	YES	YES	50
218	JAIPUR	Civil	PANELED DOOR SHUTTERS	Moisture content	IS 4020	YES	NO	2
219	JAIPUR	Civil	PANELED DOOR SHUTTERS	Dimensions & Construction	IS 4020	YES	NO	1
220	JAIPUR	Civil	PANELED DOOR SHUTTERS	Slamming Test	IS 4020	YES	NO	1
221	JAIPUR	Civil	PLYWOOD	Dimension , Surface defects & Construction	IS 303	YES	YES	1
222	JAIPUR	Civil	PLYWOOD	Water Resistance test	IS 303/ IS 710/ IS1328/IS 4990	YES	YES	7
223	JAIPUR	Civil	PLYWOOD	Mycological test	IS 1734	YES	YES	21
224	JAIPUR	Civil	PLYWOOD	Moisture Content	IS 1734	YES	YES	2
225	JAIPUR	Civil	PLYWOOD	Modulus of Rupture & Elasticity	IS 1734	YES	YES	7
226	JAIPUR	Civil	PLYWOOD	Tensile Strength	IS 1734	YES	YES	7
227	JAIPUR	Civil	PLYWOOD	Dimension & density	IS 1734	YES	YES	2
228	JAIPUR	Civil	PLYWOOD	Glue shear strength-dry state for shuttering ply/Marine ply	IS 1734	YES	YES	7
229	JAIPUR	Civil	PLYWOOD	Resistance to water for shuttering Ply/Marine Ply	IS 4990/IS 710	YES	YES	7
230	JAIPUR	Civil	PLYWOOD	Mycological test for Shuttering ply/Marine ply	IS 1734	YES	YES	21
231	JAIPUR	Civil	PLYWOOD	chemical-Preservative test	IS 1734	YES	YES	15
232	JAIPUR	Civil	PLYWOOD	Specific Gravity	IS 1734	NO	NO	2
233	JAIPUR	Civil	PLYWOOD	Nail / screw holding	IS 1734	YES	YES	7
234	JAIPUR	Civil	PLYWOOD	Ply Wood General purposes - Full test	IS 303	YES	YES	30
235	JAIPUR	Civil	PLYWOOD	Marine Ply wood -Full test	IS 710	YES	YES	45
236	JAIPUR	Civil	PLYWOOD	Veneered Decorative Ply wood - Full test	IS 1328	YES	YES	45
237	JAIPUR	Civil	BLOCK BOARDS	Moisture Content	IS 1659	YES	YES	2
238	JAIPUR	Civil	BLOCK BOARDS	Dimensions and Surface defects	IS 1659/ IS 303	YES	YES	1
239	JAIPUR	Civil	BLOCK BOARDS	Dimensional Changes caused by humidity	IS 1659	YES	YES	7
240	JAIPUR	Civil	BLOCK BOARDS	Mycological test	IS 1659	YES	YES	21
241	JAIPUR	Civil	BLOCK BOARDS	Water Resistance test	IS 1659	YES	YES	3
242	JAIPUR	Civil	BLOCK BOARDS	Modulus of Rupture & Elasticity	IS 1659	YES	YES	7
243	JAIPUR	Civil	BLOCK BOARDS	Spot test for Block Board	IS 1659	YES	YES	2
244	JAIPUR	Civil	BLOCK BOARDS	Block Board -Full test	IS 1659	YES	YES	30
245	JAIPUR	Civil	PARTICLE BOARDS	Dimensions	IS 2380	YES	NO	1
246	JAIPUR	Civil	PARTICLE BOARDS	Density	IS 2380	YES	NO	1
247	JAIPUR	Civil	PARTICLE BOARDS	Moisture content	IS 2380	YES	NO	2
248	JAIPUR	Civil	PARTICLE BOARDS	Water absorption	IS 2380	YES	NO	3
249	JAIPUR	Civil	PARTICLE BOARDS	Linear Expansion	IS 2380	YES	NO	3
250	JAIPUR	Civil	PARTICLE BOARDS	Swelling due to Surface absorption	IS 2380	YES	NO	3
251	JAIPUR	Civil	PARTICLE BOARDS	Modulus of Rupture & Elasticity	IS 2380	YES	NO	7
252	JAIPUR	Civil	PARTICLE BOARDS	Tensile Strength perpendicular to surface	IS 2380	YES	NO	7
253	JAIPUR	Civil	PARTICLE BOARDS	Tensile Strength after Accelerated water resistance	IS 2380	YES	NO	7
254	JAIPUR	Civil	PARTICLE BOARDS	Tensile Strength after Cyclic test	IS 2380	YES	NO	7
255	JAIPUR	Civil	PARTICLE BOARDS	Screw withdrawal strength (face&edge)	IS 2380	YES	NO	3

256	JAIPUR	Civil	PARTICLE BOARDS	Workmanship & finish	IS 3087	YES	NO	1
257	JAIPUR	Civil	PARTICLE BOARDS	Water Resistance test	IS 2380	YES	NO	7
258	JAIPUR	Civil	PARTICLE BOARDS	Swelling due to general absorption	IS 2380	YES	NO	3
259	JAIPUR	Civil	PARTICLE BOARDS	Adhesion of plies (Knife test)	IS 2380	YES	NO	1
260	JAIPUR	Civil	PARTICLE BOARDS	Resistance to Steam	IS 12823/ IS 14587	YES	NO	2
261	JAIPUR	Civil	PARTICLE BOARDS	Resistance to Crack	IS 12823/ IS 14587	YES	NO	2
262	JAIPUR	Civil	PARTICLE BOARDS	Resistance to Cigarette burn	IS 12823/ IS 14587	YES	NO	2
263	JAIPUR	Civil	PARTICLE BOARDS	Swelling Thickness	IS 2380	YES	NO	3
264	JAIPUR	Civil	PARTICLE BOARDS	Resistance to stain	IS 12823/ IS 14587	YES	NO	1
265	JAIPUR	Civil	PARTICLE BOARDS	Abrasion Resistance	IS 12823/ IS 14587	YES	NO	7
266	JAIPUR	Civil	PARTICLE BOARDS	Plain Particle Board Grade - 1 -Full test	IS 3087	Except Chemical	NO	25
267	JAIPUR	Civil	PARTICLE BOARDS	Plain Particle Board Grade - 2 -Full Test	IS 3087	Except Chemical	NO	25
268	JAIPUR	Civil	PARTICLE BOARDS	Veneered particle board - Full test (Preservative test extra)	IS 3097	YES	NO	25
269	JAIPUR	Civil	PARTICLE BOARDS	Medium Density Fibre board Gr-1 -Full test	IS 12406	Except Chemical	NO	25
270	JAIPUR	Civil	PARTICLE BOARDS	Medium Density Fibre board Gr-2 - Full test	IS 12406	Except Chemical	NO	25
271	JAIPUR	Civil	PARTICLE BOARDS	Prelaminated particle board Gr-1 -Full test	IS 12823	Except Chemical	NO	25
272	JAIPUR	Civil	PARTICLE BOARDS	Prelaminated particle board Gr-2 -Full test	IS 12823	Except Chemical	NO	25
273	JAIPUR	Civil	PARTICLE BOARDS	Prelaminated MDF Board Gr-1 - Full test	IS 14587	Except Chemical	NO	25
274	JAIPUR	Civil	PARTICLE BOARDS	Prelaminated MDF Board Gr-2 -Full test	IS 14587	Except Chemical	NO	25
275	JAIPUR	Civil	PAVER BLOCKS	Visual Examination	IS 15658	YES	NO	1
276	JAIPUR	Civil	BRICKS, PAVER BLOCKS	Dimensions	IS 1077/ IS 15658/ IS 12894	YES	NO	1
277	JAIPUR	Civil	BRICKS	Crushing Strength	IS 3495/ IS 15658	YES	NO	5
278	JAIPUR	Civil	BRICKS, PAVER BLOCKS	Water Absorption	IS 3495/ IS 15658	YES	NO	3
279	JAIPUR	Civil	BRICKS,	Efforescence	IS 3495	YES	NO	15
280	JAIPUR	Civil	BRICKS	Drying shrinkage	IS 4139	NO	NO	21
281	JAIPUR	Civil	PAVER BLOCKS	Flexural strength	IS 15658	NO	NO	3
282	JAIPUR	Civil	PAVER BLOCKS	Dimensionss & Thickness of wearing layer for pavers	IS 15658	YES	NO	2
283	JAIPUR	Civil	PAVER BLOCKS	Compressive Strength for Pavers Blocks	IS 15658	YES	NO	3
284	JAIPUR	Civil	PAVER BLOCKS	Abrasion Resistance for pavers	IS 15658	YES	NO	8
285	JAIPUR	Civil	BLOCKS	Block Density for hollow blocks/cellular block	IS 6441	NO	NO	2
286	JAIPUR	Civil	BLOCKS	Moisture Content for hollow blocks/cellular block	IS 6441	NO	NO	2
287	JAIPUR	Civil	BRICKS, BLOCKS	Drying Shrinkage for hollow blocks/cellular block	IS 6441	NO	NO	21
288	JAIPUR	Civil	BRICKS, BLOCKS	Compressive Strength per cellular block	IS 6441	NO	NO	7
289	JAIPUR	Civil	BRICKS, BLOCKS	Burnt Clay Building Bricks -Full test	IS 1077	YES	NO	25
290	JAIPUR	Civil	BRICKS, BLOCKS	Pulverized Fuel Ash Lime Bricks -Full test	IS 12894	YES	NO	25
291	JAIPUR	Civil	BRICKS, BLOCKS	Acid Resistance Bricks -Full test	IS 4860	NO	NO	25
292	JAIPUR	Civil	BRICKS, BLOCKS	Calcium Silicate Bricks -Full test	IS 4139	NO	NO	25
293	JAIPUR	Civil	PAVER BLOCKS	Paving Blocks - Obligatory tests [Dimensions, Water Absorption, Compressive Strength, abrasion (dry & wet conditions), Flexural strength, Tensile splitting Strength]	IS 15658	NO	NO	20
294	JAIPUR	Civil	BRICKS, BLOCKS	Hollow Concrete Blocks -Full test	IS 2185	NO	NO	20
295	JAIPUR	Civil	BRICKS, BLOCKS	AAC Blocks (except drying shrinkage7 thermal conductivity)	IS 2185 (P 3)	YES	NO	20
296	JAIPUR	Civil	BRICKS, BLOCKS	Burnt clay perforated building bricks-Full test	IS 2222	YES	NO	25
297	JAIPUR	Civil	BRICKS, BLOCKS	Full test				
298	JAIPUR	Civil	BRICKS, BLOCKS	Burnt clay Facing bricks-full test	IS 2691	NO	NO	25
299	JAIPUR	Civil	BRICKS, BLOCKS	Heavy duty common burnt clay bricks-full test	IS 2120	NO	NO	25
300	JAIPUR	Civil	BRICKS, BLOCKS	Full test	IS:1077			
301	JAIPUR	Civil	STONES, ROCKS	Moisture Absorption	IS 1124	NO	NO	3
302	JAIPUR	Civil	STONES, ROCKS	Water absorption	IS 1124	NO	NO	3
303	JAIPUR	Civil	STONES, ROCKS	Porosity	IS 1122	NO	NO	3
304	JAIPUR	Civil	STONES, ROCKS	Compressive strength of prepared sample of rock	IS 1121	NO	NO	5
305	JAIPUR	Civil	STONES, ROCKS	Tensile strength prepared rock sample	IS 1121	NO	NO	5
306	JAIPUR	Civil	STONES, ROCKS	Specific Gravity of rock	IS 1122	NO	NO	3
307	JAIPUR	Civil	STONES, ROCKS	Moh's Hardness	IS 13630	NO	NO	1
308	JAIPUR	Civil	STONES, ROCKS	Resistance to wear of rock	IS 1706			5
309	JAIPUR	Civil	STONES, ROCKS	Flextural Strength of prepared rock sample	IS 1121	NO	NO	5
310	JAIPUR	Civil	STONES, ROCKS	Durability test of rock/concrete	IS 1126	NO	NO	35
311	JAIPUR	Civil	STONES, ROCKS	Density (Boulders,stone)	IS 13030	NO	NO	5
312	JAIPUR	Civil	STONES, ROCKS	Specific Weight (Boulders/Blocks)	IS 1122	NO	NO	5
313	JAIPUR	Civil	STONES, ROCKS	Structural Granite -Full test	IS 3316	NO	NO	40

314	JAIPUR	Civil	CONCRETE AND NON DESTRUCTIVE TESTS	Compressive Strength of CC Cube 1 set	IS 516	YES	NO	2
315	JAIPUR	Civil	CONCRETE AND NON DESTRUCTIVE TESTS	Equivalent Cube Strength of Concrete core 1 set	IS 516	YES	NO	3
316	JAIPUR	Civil	CONCRETE AND NON DESTRUCTIVE TESTS	Concrete Mix Design	IS 10262	NO	NO	45
317	JAIPUR	Civil	CONCRETE AND NON DESTRUCTIVE TESTS	Concrete Mix Design (with admixture)	IS 10262	NO	NO	45
318	JAIPUR	Civil	CONCRETE AND NON DESTRUCTIVE TESTS	Compressive Strength of Cube	IS 516	YES	NO	2
319	JAIPUR	Civil	CONCRETE AND NON DESTRUCTIVE TESTS	Compressive Strength of Cube/Block with preparation	IS 516	YES	NO	3
320	JAIPUR	Civil	CONCRETE AND NON DESTRUCTIVE TESTS	Slump test	IS 9103/ IS1199	NO	NO	2
321	JAIPUR	Civil	TILES	Dimensions & Visual examination	IS 1237/ IS 13801	YES	YES	1
322	JAIPUR	Civil	TILES	Flatness	IS 1237/ IS 13801	YES	YES	1
323	JAIPUR	Civil	TILES	Straightness	IS 1237/ IS 13801	YES	YES	1
324	JAIPUR	Civil	TILES	Perpendicularity	IS 1237/ IS 13801	YES	YES	1
325	JAIPUR	Civil	TILES	Water Absorption	IS 1237/ IS 13801	YES	YES	3
326	JAIPUR	Civil	TILES	Wet Transverse Strength	IS 1237/ IS 13801	YES	YES	3
327	JAIPUR	Civil	TILES	Resistance to Wear	IS 1237/ IS 13801	YES	YES	3
328	JAIPUR	Civil	TILES	Warpage	IS 15622	YES	NO	1
329	JAIPUR	Civil	TILES	Flexural Strength/Compressive strength	IS 4457/ IS 15622	YES	NO	1
330	JAIPUR	Civil	TILES	Dimensions Length ceramic tiles	IS 4457/ IS 15622	YES	NO	1
331	JAIPUR	Civil	TILES	Dimensions Width ceramic tiles	IS 4457/ IS 15622	YES	NO	1
332	JAIPUR	Civil	TILES	Dimensions Thickness ceramic tiles	IS 4457/ IS 15622	YES	NO	1
333	JAIPUR	Civil	TILES	Modulus of Rupture ceramic tiles	IS 4457/ IS 15622	YES	NO	3
334	JAIPUR	Civil	TILES	Breaking Strength ceramic tiles	IS 4457/ IS 15622	YES	NO	3
335	JAIPUR	Civil	TILES	Crazing resistance ceramic tiles	IS 15622	YES	NO	2
336	JAIPUR	Civil	TILES	Resistance to Acids / Alkalis ceramic tiles	IS 15622	YES	NO	14
337	JAIPUR	Civil	TILES	Impact resistance	IS 15622	NO	NO	5
338	JAIPUR	Civil	TILES	C.C.Flooring Tiles -Full test	IS 1237	YES	YES	20
339	JAIPUR	Civil	TILES	Chequered CC Flooring Tiles -Full test	IS 13801	YES	YES	20
340	JAIPUR	Civil	AGGREGATES	Grading and fineness Modulus	IS 2386	YES	YES	2
341	JAIPUR	Civil	AGGREGATES	Aggregate Crushing Value	IS 2386	YES	YES	2
342	JAIPUR	Civil	AGGREGATES	Aggregate Impact Value	IS 2386	YES	YES	2
343	JAIPUR	Civil	AGGREGATES	Aggregate Abrasion Value	IS 2386	YES	YES	2
344	JAIPUR	Civil	AGGREGATES	Soundness	IS 2386	YES	YES	10
345	JAIPUR	Civil	AGGREGATES	Deleterious Materials and Organic impurities	IS 2386	YES	YES	3
346	JAIPUR	Civil	AGGREGATES	Specific Gravity	IS 2386	YES	YES	2
347	JAIPUR	Civil	AGGREGATES	Loose Bulk Density	IS 2386	YES	YES	2
348	JAIPUR	Civil	AGGREGATES	Compacted Bulk Density	IS 2386	YES	YES	2
349	JAIPUR	Civil	AGGREGATES	Water absorption	IS 2386	YES	YES	3
350	JAIPUR	Civil	AGGREGATES	Silt content (CPWD Specification)	CPWD	YES	YES	2
351	JAIPUR	Civil	AGGREGATES	Flakiness Index	IS 2386	YES	YES	1
352	JAIPUR	Civil	AGGREGATES	Elongation Index	IS 2386	YES	YES	1
353	JAIPUR	Civil	AGGREGATES	Moisture content	OVEN DRY	YES	YES	2
354	JAIPUR	Civil	AGGREGATES	Coarse aggregate -Full test	IS 383	YES	YES	25
355	JAIPUR	Civil	AGGREGATES	Fine Aggregate - Full test	IS 383	YES	YES	25
356	JAIPUR	MECHANICAL TESTING	Aluminium	Tensile test	IS 21	YES	NO	4
357	JAIPUR	MECHANICAL TESTING	Aluminium	Bend test	IS 21	YES	NO	2
358	JAIPUR	MECHANICAL TESTING	Aluminium	Chemical analysis	IS 21	YES	NO	4
359	JAIPUR	MECHANICAL TESTING	Aluminium	Full Test	IS 21	YES	NO	10
360	JAIPUR	MECHANICAL TESTING	Grey Cast Iron	Tensile test	IS 210	YES	NO	4
361	JAIPUR	MECHANICAL TESTING	Grey Cast Iron	Hardness test	IS 210	YES	NO	1
362	JAIPUR	MECHANICAL TESTING	Grey Cast Iron	Full Test	IS 210	YES	NO	7
363	JAIPUR	MECHANICAL TESTING	Galvanised Sheet	Bend test	IS 277	YES	YES	1
364	JAIPUR	MECHANICAL TESTING	Galvanised Sheet	Dimensions	IS 277	YES	YES	1
365	JAIPUR	MECHANICAL TESTING	Galvanised Sheet	Coating test (triple spot)	IS 277	YES	YES	3
366	JAIPUR	MECHANICAL TESTING	Galvanised Sheet	Full Test	IS 277	YES	YES	7
367	JAIPUR	MECHANICAL TESTING	Barbed Wire	Visual Examination	IS 278	YES	YES	1
368	JAIPUR	MECHANICAL TESTING	Barbed Wire	Dimensions	IS 278	YES	YES	1
369	JAIPUR	MECHANICAL TESTING	Barbed Wire	Chemical analysis	IS 278	YES	YES	3
370	JAIPUR	MECHANICAL TESTING	Barbed Wire	Galvanising	IS 278	YES	YES	2
371	JAIPUR	MECHANICAL TESTING	Barbed Wire	Ducility	IS 278	YES	NO	1
372	JAIPUR	MECHANICAL TESTING	Barbed Wire	Tensile test	IS 278	YES	NO	2
373	JAIPUR	MECHANICAL TESTING	Barbed Wire	Full Test	IS 278	YES	NO	10
374	JAIPUR	MECHANICAL TESTING	M.S.Wire	Tensile test	IS 280	YES	NO	2
375	JAIPUR	MECHANICAL TESTING	M.S.Wire	Chemical analysis	IS 280	YES	NO	4
376	JAIPUR	MECHANICAL TESTING	M.S.Wire	Galvanising	IS 280	YES	NO	1
377	JAIPUR	MECHANICAL TESTING	M.S.Wire	Wrapping test	IS 280	YES	NO	1
378	JAIPUR	MECHANICAL TESTING	M.S.Wire	Full Test	IS 280	YES	NO	10
379	JAIPUR	MECHANICAL TESTING	Brass Sheet / Strip	Dimensions	IS 410	YES	NO	1
380	JAIPUR	MECHANICAL TESTING	Brass Sheet / Strip	Bend test (Cold)	IS 410	YES	NO	1
381	JAIPUR	MECHANICAL TESTING	Brass Sheet / Strip	Hardness test	IS 410	YES	NO	1

382	JAIPUR	MECHANICAL TESTING	Brass Sheet / Strip	Tensile test	IS 410	YES	NO	3
383	JAIPUR	MECHANICAL TESTING	Brass Sheet / Strip	Chemical analysis	IS 410	NO	NO	2
384	JAIPUR	MECHANICAL TESTING	Brass Sheet / Strip	Full Test	IS 410	NO	NO	10
385	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Visual Eaxamination	IS 432 (Pt 1)	YES	YES	1
386	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Dimensions	IS 432 (Pt 1)	YES	YES	1
387	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Tensile test	IS 432 (Pt 1)	YES	YES	3
388	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Bend test	IS 432 (Pt 1)	YES	YES	1
389	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Chemical analysis	IS 432 (Pt 1)	YES	YES	2
390	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Full Test	IS 432 (Pt 1)	YES	YES	10
391	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Visual Eaxamination	IS 432 (Pt 2)	YES	YES	10
392	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Dimensions	IS 432 (Pt 2)	YES	YES	1
393	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Tensile test	IS 432 (Pt 2)	YES	YES	3
394	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Reverse bend test	IS 432 (Pt 2)	YES	YES	1
395	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Chemical analysis	IS 432 (Pt 2)	YES	YES	2
396	JAIPUR	MECHANICAL TESTING	M.S.Bar & H.D. wire	Full Test	IS 432 (Pt 2)	YES	YES	10
397	JAIPUR	MECHANICAL TESTING	C.R.Low Carbon Steel	Visual Eaxamination	IS 513	YES	NO	1
398	JAIPUR	MECHANICAL TESTING	C.R.Low Carbon Steel	Dimensions	IS 513	YES	NO	1
399	JAIPUR	MECHANICAL TESTING	C.R.Low Carbon Steel	Tensile test	IS 513	YES	NO	4
400	JAIPUR	MECHANICAL TESTING	C.R.Low Carbon Steel	Hardness test	IS 513	YES	NO	1
401	JAIPUR	MECHANICAL TESTING	C.R.Low Carbon Steel	Bend test	IS 513	YES	NO	1
402	JAIPUR	MECHANICAL TESTING	C.R.Low Carbon Steel	Chemical analysis	IS 513	YES	NO	2
403	JAIPUR	MECHANICAL TESTING	C.R.Low Carbon Steel	Cupping test	IS 513	NO	NO	1
404	JAIPUR	MECHANICAL TESTING	C.R.Low Carbon Steel	Full Test for CR-1 grade	IS 513	NO	NO	12
405	JAIPUR	MECHANICAL TESTING	C.R.Low Carbon Steel	Full Test for CR-2, 3&4 grade	IS 513	NO	NO	12
406	JAIPUR	MECHANICAL TESTING	Wought Aluminium	Tensile test	IS 737	YES	NO	4
407	JAIPUR	MECHANICAL TESTING	Wought Aluminium	Bend test	IS 737	YES	NO	1
408	JAIPUR	MECHANICAL TESTING	Wought Aluminium	Chemical analysis	IS 737	YES	NO	3
409	JAIPUR	MECHANICAL TESTING	Wought Aluminium	Full Test	IS 737	YES	NO	10
410	JAIPUR	MECHANICAL TESTING	Copper Gate/ check Valves	Dimensions	IS 778	YES	YES	1
411	JAIPUR	MECHANICAL TESTING	Copper Gate/ check Valves	Haydraulic test	IS 778	YES	YES	1
412	JAIPUR	MECHANICAL TESTING	Copper Gate/ check Valves	Chemical analysis	IS 778	YES	YES	3
413	JAIPUR	MECHANICAL TESTING	Copper Gate/ check Valves	Full Test	IS 778	YES	YES	7
414	JAIPUR	MECHANICAL TESTING	Hot Rolled Steel Sheets	Dimensions	IS 1079	YES	NO	1
415	JAIPUR	MECHANICAL TESTING	Hot Rolled Steel Sheets	Tensile test	IS 1079	YES	NO	3
416	JAIPUR	MECHANICAL TESTING	Hot Rolled Steel Sheets	Cupping test	IS 1079	NO	NO	1
417	JAIPUR	MECHANICAL TESTING	Hot Rolled Steel Sheets	Bend test	IS 1079	YES	NO	1
418	JAIPUR	MECHANICAL TESTING	Hot Rolled Steel Sheets	Chemical composition test	IS 1079	YES	NO	3
419	JAIPUR	MECHANICAL TESTING	Hot Rolled Steel Sheets	Full Test	IS 1079	YES	NO	12
420	JAIPUR	MECHANICAL TESTING	Galvanised Tubes	Visual Eaxamination	IS 1161	YES	NO	1
421	JAIPUR	MECHANICAL TESTING	Galvanised Tubes	Tensile test	IS 1161	YES	NO	4
422	JAIPUR	MECHANICAL TESTING	Galvanised Tubes	Dimensions	IS 1161	YES	NO	1
423	JAIPUR	MECHANICAL TESTING	Galvanised Tubes	Mass	IS 1161	YES	NO	1
424	JAIPUR	MECHANICAL TESTING	Galvanised Tubes	Bend test /Flattening	IS 1161	YES	NO	1
425	JAIPUR	MECHANICAL TESTING	Galvanised Tubes	Chemical analysis	IS 1161	YES	NO	3
426	JAIPUR	MECHANICAL TESTING	Galvanised Tubes	Galvanisation	IS 1161	YES	NO	1
427	JAIPUR	MECHANICAL TESTING	Galvanised Tubes	Full Test	IS 1161	YES	NO	12
428	JAIPUR	MECHANICAL TESTING	Steel Butt Hinges	Dimensions	IS 1341	YES	NO	1
429	JAIPUR	MECHANICAL TESTING	Steel Butt Hinges	Finish	IS 1341	NO	NO	1
430	JAIPUR	MECHANICAL TESTING	Steel Butt Hinges	Chemical of flap & pin	IS 1341	NO	NO	3
431	JAIPUR	MECHANICAL TESTING	Steel Butt Hinges	Full Test	IS 1341	NO	NO	7
432	JAIPUR	MECHANICAL TESTING	G.I. pipes	Visual Eaxamination	IS 1239 (Part 1)	YES	NO	1
433	JAIPUR	MECHANICAL TESTING	G.I. pipes	Tensile test	IS 1239 (Part 1)	YES	NO	3
434	JAIPUR	MECHANICAL TESTING	G.I. pipes	Dimensions	IS 1239 (Part 1)	YES	NO	1
435	JAIPUR	MECHANICAL TESTING	G.I. pipes	Mass	IS 1239 (Part 1)	YES	NO	1
436	JAIPUR	MECHANICAL TESTING	G.I. pipes	Bend test /Flattening	IS 1239 (Part 1)	YES	NO	1
437	JAIPUR	MECHANICAL TESTING	G.I. pipes	Chemical analysis	IS 1239 (Part 1)	YES	NO	3
438	JAIPUR	MECHANICAL TESTING	G.I. pipes	Galvanisation	IS 1239 (Part 1)	YES	NO	1
439	JAIPUR	MECHANICAL TESTING	G.I. pipes	Leak Proof Test	IS 1239 (Part 1)	NO	NO	1
440	JAIPUR	MECHANICAL TESTING	G.I. pipes	Full Test	IS 1239 (Part 1)	NO	NO	12
441	JAIPUR	MECHANICAL TESTING	Corrugated Aluminium	Tensile test	IS 1254	YES	NO	4
442	JAIPUR	MECHANICAL TESTING	Corrugated Aluminium	Bend test	IS 1254	YES	NO	1
443	JAIPUR	MECHANICAL TESTING	Corrugated Aluminium	Dimensions	IS 1254	YES	NO	1
444	JAIPUR	MECHANICAL TESTING	Corrugated Aluminium	Chemical analysis	IS 1254	NO	NO	3
445	JAIPUR	MECHANICAL TESTING	Corrugated Aluminium	Full Test	IS 1254	NO	NO	10
446	JAIPUR	MECHANICAL TESTING	Aluminium Sections	Dimensions	IS 1285	YES	NO	1
447	JAIPUR	MECHANICAL TESTING	Aluminium Sections	Tensile test	IS 1285	YES	NO	4
448	JAIPUR	MECHANICAL TESTING	Aluminium Sections	Chemical analysis	IS 1285	NO	NO	3
449	JAIPUR	MECHANICAL TESTING	Aluminium Sections	Full Test	IS 1285	NO	NO	10

450	JAIPUR	MECHANICAL TESTING	Bolts / Nuts	Dimensions	IS 1363/1367	YES	NO	1
451	JAIPUR	MECHANICAL TESTING	Bolts / Nuts	proof test	IS 1363/1367	YES	NO	1
452	JAIPUR	MECHANICAL TESTING	Bolts / Nuts	Wedge loading test	IS 1363/1367	YES	NO	1
453	JAIPUR	MECHANICAL TESTING	Bolts / Nuts	Hardness test	IS 1363/1367	YES	NO	1
454	JAIPUR	MECHANICAL TESTING	Bolts / Nuts	surface integrity test	IS 1363/1367	NO	NO	1
455	JAIPUR	MECHANICAL TESTING	Bolts / Nuts	Chemical analysis	IS 1363/1367	NO	NO	3
456	JAIPUR	MECHANICAL TESTING	Bolts / Nuts	Full Test	IS 1363/1367	NO9	NO	10
457	JAIPUR	MECHANICAL TESTING	Spun Cast Iron	Dimensions	IS 1536	YES	NO	1
458	JAIPUR	MECHANICAL TESTING	Spun Cast Iron	Hardness test	IS 1536	YES	NO	1
459	JAIPUR	MECHANICAL TESTING	Spun Cast Iron	Mass	IS 1536	YES	NO	1
460	JAIPUR	MECHANICAL TESTING	Spun Cast Iron	Coating test	IS 1536	NO	NO	1
461	JAIPUR	MECHANICAL TESTING	Spun Cast Iron	Full Test (above tests only)	IS 1536	NO	NO	7
462	JAIPUR	MECHANICAL TESTING	Cast Iron Fittings	Dimensions	IS 1537	YES	NO	1
463	JAIPUR	MECHANICAL TESTING	Cast Iron Fittings	Hardness test	IS 1537	YES	NO	1
464	JAIPUR	MECHANICAL TESTING	Cast Iron Fittings	Mass	IS 1537	YES	NO	1
465	JAIPUR	MECHANICAL TESTING	Cast Iron Fittings	Coating test	IS 1537	NO	NO	1
466	JAIPUR	MECHANICAL TESTING	Cast Iron Fittings	Full Test (above tests only)	IS 1537	NO	NO	7
467	JAIPUR	MECHANICAL TESTING	Steel Wire for Prestressed Concrete.	Dimensions	IS 1785	YES	NO	1
468	JAIPUR	MECHANICAL TESTING	Steel Wire for Prestressed Concrete.	Tensile test	IS 1785	YES	NO	3
469	JAIPUR	MECHANICAL TESTING	Steel Wire for Prestressed Concrete.	Chemical analysis	IS 1785	YES	NO	3
470	JAIPUR	MECHANICAL TESTING	Steel Wire for Prestressed Concrete.	Full Test	IS 1785	YES	NO	10
471	JAIPUR	MECHANICAL TESTING	HSD Bar (0-12 mm)	Mass per meter run	IS 1786	YES	YES	1
472	JAIPUR	MECHANICAL TESTING	HSD Bar (0-12 mm)	Tensile test	IS 1786	YES	YES	2
473	JAIPUR	MECHANICAL TESTING	HSD Bar (0-12 mm)	Bend test	IS 1786	YES	YES	1
474	JAIPUR	MECHANICAL TESTING	HSD Bar (0-12 mm)	Rebend test	IS 1786	YES	YES	1
475	JAIPUR	MECHANICAL TESTING	HSD Bar (0-12 mm)	Pull out test	IS 1786	YES	YES	40
476	JAIPUR	MECHANICAL TESTING	HSD Bar (0-12 mm)	Rib area	IS 1786	YES	YES	1
477	JAIPUR	MECHANICAL TESTING	HSD Bar (0-12 mm)	Chemical analysis	IS 1786	YES	YES	3
478	JAIPUR	MECHANICAL TESTING	HSD Bar (0-12 mm)	Full Test	IS 1786	YES	YES	45 days
479	JAIPUR	MECHANICAL TESTING	HSD Bar (12 - 28 mm)	Mass per meter run	IS 1786	YES	YES	1
480	JAIPUR	MECHANICAL TESTING	HSD Bar (12 - 28 mm)	Tensile test	IS 1786	YES	YES	2
481	JAIPUR	MECHANICAL TESTING	HSD Bar (12 - 28 mm)	Bend test	IS 1786	YES	YES	1
482	JAIPUR	MECHANICAL TESTING	HSD Bar (12 - 28 mm)	Pull out test	IS 1786	YES	YES	1
483	JAIPUR	MECHANICAL TESTING	HSD Bar (12 - 28 mm)	Rebend test	IS 1786	YES	YES	40
484	JAIPUR	MECHANICAL TESTING	HSD Bar (12 - 28 mm)	Rib area	IS 1786	YES	YES	1
485	JAIPUR	MECHANICAL TESTING	HSD Bar (12 - 28 mm)	Chemical analysis	IS 1786	YES	YES	3
486	JAIPUR	MECHANICAL TESTING	HSD Bar (12 - 28 mm)	Full Test	IS 1786	YES	YES	45
487	JAIPUR	MECHANICAL TESTING	HSD Bar (28 -32 mm)	Mass per meter run	IS 1786	YES	YES	1
488	JAIPUR	MECHANICAL TESTING	HSD Bar (28 -32 mm)	Tensile test	IS 1786	YES	YES	2
489	JAIPUR	MECHANICAL TESTING	HSD Bar (28 -32 mm)	Bend test	IS 1786	YES	YES	1
490	JAIPUR	MECHANICAL TESTING	HSD Bar (28 -32 mm)	Rebend test	IS 1786	YES	YES	1
491	JAIPUR	MECHANICAL TESTING	HSD Bar (28 -32 mm)	Pull out test	IS 1786	YES	YES	40
492	JAIPUR	MECHANICAL TESTING	HSD Bar (28 -32 mm)	Rib area	IS 1786	YES	YES	1
493	JAIPUR	MECHANICAL TESTING	HSD Bar (28 -32 mm)	Chemical analysis	IS 1786	YES	YES	3
494	JAIPUR	MECHANICAL TESTING	HSD Bar (28 -32 mm)	Full Test	IS 1786	YES	YES	45
495	JAIPUR	MECHANICAL TESTING	Low Tesile Structural Steel	Dimensions	IS 1977	YES	YES	1
496	JAIPUR	MECHANICAL TESTING	Low Tesile Structural Steel	Mass	IS 1977	YES	YES	1
497	JAIPUR	MECHANICAL TESTING	Low Tesile Structural Steel	Tensile test	IS 1977	YES	YES	4
498	JAIPUR	MECHANICAL TESTING	Low Tesile Structural Steel	Bend test	IS 1977	YES	YES	1
499	JAIPUR	MECHANICAL TESTING	Low Tesile Structural Steel	Chemical analysis	IS 1977	NO	NO	3
500	JAIPUR	MECHANICAL TESTING	Low Tesile Structural Steel	Chem. Analysis with micro alloys	IS 1977	YES	YES	3
501	JAIPUR	MECHANICAL TESTING	Low Tesile Structural Steel	Full Test	IS 1977	YES	YES	15
502	JAIPUR	MECHANICAL TESTING	Structural Steel	Visual Examination	IS 2062	YES	YES	1
503	JAIPUR	MECHANICAL TESTING	Structural Steel	Tensile test	IS 2062	YES	YES	3
504	JAIPUR	MECHANICAL TESTING	Structural Steel	Bend test(upto 25 mm)	IS 2062	YES	YES	1
505	JAIPUR	MECHANICAL TESTING	Structural Steel	Bend test (above 25 mm)	IS 2062	YES	YES	1
506	JAIPUR	MECHANICAL TESTING	Structural Steel	Impact test	IS 2062	YES	YES	4
507	JAIPUR	MECHANICAL TESTING	Structural Steel	chemical analysis	IS 2062	YES	YES	3
508	JAIPUR	MECHANICAL TESTING	Structural Steel	Full Test upto 25 mm	IS 2062	YES	YES	15
509	JAIPUR	MECHANICAL TESTING	Structural Steel	Full Test above 25 mm	IS 2062	YES	YES	15
510	JAIPUR	MECHANICAL TESTING	Structural Steel	Full Test upto 25 mm :Quality: BR	IS 2062	YES	YES	15
511	JAIPUR	MECHANICAL TESTING	Structural Steel	Full Test upto 25 mm: Quality: B0 & C	IS 2062	YES	YES	15
512	JAIPUR	MECHANICAL TESTING	Structural Steel	Full Test above 25 mm:Quality: BR	IS 2062	YES	YES	15
513	JAIPUR	MECHANICAL TESTING	Structural Steel	Full Test above 25 mm:Quality: B0 & C	IS 2062	YES	YES	15
514	JAIPUR	MECHANICAL TESTING	Domestic Cooker	Full Test	IS 2347	NO	NO	15
515	JAIPUR	MECHANICAL TESTING	Galvanised Chain Link	Dimensions	IS 2721	YES	NO	1
516	JAIPUR	MECHANICAL TESTING	Galvanised Chain Link	Tensile test	IS 2721	YES	NO	3
517	JAIPUR	MECHANICAL TESTING	Galvanised Chain Link	Wrapping test	IS 2721	YES	NO	1

518	JAIPUR	MECHANICAL TESTING	Galvanised Chain Link	Galvanisation	IS 2721	YES	NO	2
519	JAIPUR	MECHANICAL TESTING	Galvanised Chain Link	Chemical analysis	IS 2721	NO	NO	3
520	JAIPUR	MECHANICAL TESTING	Galvanised Chain Link	Full Test	IS 2721	NO	NO	12
521	JAIPUR	MECHANICAL TESTING	Steel Tubes	Visual Examination	IS 3601	YES	NO	10
522	JAIPUR	MECHANICAL TESTING	Steel Tubes	Dimensions	IS 3601	YES	NO	1
523	JAIPUR	MECHANICAL TESTING	Steel Tubes	Tensile test	IS 3601	YES	NO	3
524	JAIPUR	MECHANICAL TESTING	Steel Tubes	Bend test /Flattening	IS 3601	YES	NO	1
525	JAIPUR	MECHANICAL TESTING	Steel Tubes	Drift Expansion	IS 3601	YES	NO	1
526	JAIPUR	MECHANICAL TESTING	Steel Tubes	Chemical analysis	IS 3601	NO	NO	3
527	JAIPUR	MECHANICAL TESTING	Steel Tubes	Full Test	IS 3601	NO	NO	12
528	JAIPUR	MECHANICAL TESTING	Steel tubes for Water Wells	Visual Examination	IS 4270	YES	NO	1
529	JAIPUR	MECHANICAL TESTING	Steel tubes for Water Wells	Dimensions	IS 4270	YES	NO	1
530	JAIPUR	MECHANICAL TESTING	Steel tubes for Water Wells	Tensile test	IS 4270	YES	NO	3
531	JAIPUR	MECHANICAL TESTING	Steel tubes for Water Wells	Bend test /Flattening	IS 4270	YES	NO	1
532	JAIPUR	MECHANICAL TESTING	Steel tubes for Water Wells	Chemical analysis	IS 4270	YES	NO	3
533	JAIPUR	MECHANICAL TESTING	Steel tubes for Water Wells	Full Test	IS 4270	YES	NO	12
534	JAIPUR	MECHANICAL TESTING	C.I. Pressure pipe For Water & Sewerage	Hardness test	IS 5531	YES	NO	1
535	JAIPUR	MECHANICAL TESTING	C.I. Pressure pipe For Water & Sewerage	Proof pressure test	IS 5531	NO	NO	2
536	JAIPUR	MECHANICAL TESTING	C.I. Pressure pipe For Water & Sewerage	Dimensions	IS 5531	YES	NO	1
537	JAIPUR	MECHANICAL TESTING	C.I. Pressure pipe For Water & Sewerage	Mass	IS 5531	YES	NO	1
538	JAIPUR	MECHANICAL TESTING	C.I. Pressure pipe For Water & Sewerage	Coating test	IS 5531	NO	NO	1
539	JAIPUR	MECHANICAL TESTING	C.I. Pressure pipe For Water & Sewerage	Full Test	IS 5531	NO	NO	10
540	JAIPUR	MECHANICAL TESTING	Indented Wire for Pre-Std Ct.	Dimensions	IS 6003	YES	NO	1
541	JAIPUR	MECHANICAL TESTING	Indented Wire for Pre-Std Ct.	Geometric consideration	IS 6003	NO	NO	1
542	JAIPUR	MECHANICAL TESTING	Indented Wire for Pre-Std Ct.	Tensile test	IS 6003	YES	NO	3
543	JAIPUR	MECHANICAL TESTING	Indented Wire for Pre-Std Ct.	Reverse bend test	IS 6003	NO	NO	1
544	JAIPUR	MECHANICAL TESTING	Indented Wire for Pre-Std Ct.	Chemical analysis	IS 6003	YES	NO	3
545	JAIPUR	MECHANICAL TESTING	Indented Wire for Pre-Std Ct.	Full Test	IS 6003	NO	NO	10
546	JAIPUR	MECHANICAL TESTING	Uncoated Stress Relieved Strand for pre stressed concrete	Dimensions	IS 6006	YES	NO	1
547	JAIPUR	MECHANICAL TESTING	Uncoated Stress Relieved Strand for pre stressed concrete	Tensile test	IS 6006	YES	NO	2
548	JAIPUR	MECHANICAL TESTING	Uncoated Stress Relieved Strand for pre stressed concrete	Chemical analysis	IS 6006	NO	NO	3
549	JAIPUR	MECHANICAL TESTING	Uncoated Stress Relieved Strand for pre stressed concrete	Full Test	IS 6006	NO	NO	10
550	JAIPUR	MECHANICAL TESTING	SS,Plate, Sheet / Strip	Dimensions	IS 6911	YES	NO	1
551	JAIPUR	MECHANICAL TESTING	SS,Plate, Sheet / Strip	Tensile test	IS 6911	YES	NO	3
552	JAIPUR	MECHANICAL TESTING	SS,Plate, Sheet / Strip	Bend test	IS 6911	YES	NO	1
553	JAIPUR	MECHANICAL TESTING	SS,Plate, Sheet / Strip	Chemical analysis	IS 6911	YES	NO	3
554	JAIPUR	MECHANICAL TESTING	SS,Plate, Sheet / Strip	Full Test	IS 6911	YES	NO	10
555	JAIPUR	MECHANICAL TESTING	Double Flanged Pipe (Cast)	Dimensions	IS 7181	YES	NO	1
556	JAIPUR	MECHANICAL TESTING	Double Flanged Pipe (Cast)	Mass	IS 7181	YES	NO	1
557	JAIPUR	MECHANICAL TESTING	Double Flanged Pipe (Cast)	Hardness test	IS 7181	YES	NO	1
558	JAIPUR	MECHANICAL TESTING	Double Flanged Pipe (Cast)	Proof pressure test	IS 7181	NO	NO	2
559	JAIPUR	MECHANICAL TESTING	Double Flanged Pipe (Cast)	Coating test	IS 7181	NO	NO	1
560	JAIPUR	MECHANICAL TESTING	Double Flanged Pipe (Cast)	Full Test	IS 7181	NO	NO	10
561	JAIPUR	MECHANICAL TESTING	Conduits	Dimensions	IS 9537	YES	NO	1
562	JAIPUR	MECHANICAL TESTING	Conduits	Checking outer dia	IS 9537	YES	NO	1
563	JAIPUR	MECHANICAL TESTING	Conduits	Bend test	IS 9537	YES	NO	1
564	JAIPUR	MECHANICAL TESTING	Conduits	Compresion test	IS 9537	YES	NO	1
565	JAIPUR	MECHANICAL TESTING	Conduits	External influence	IS 9537	NO	NO	2
566	JAIPUR	MECHANICAL TESTING	Conduits	Full Test	IS 9537	NO	NO	7
567	JAIPUR	MECHANICAL TESTING	Uncoated stress relieved low relaxation 7 ply strand	Dimensions	IS 14268	YES	NO	1
568	JAIPUR	MECHANICAL TESTING	Uncoated stress relieved low relaxation 7 ply strand	Workmanship & finish	IS 14268	YES	NO	1
569	JAIPUR	MECHANICAL TESTING	Uncoated stress relieved low relaxation 7 ply strand	Tensile test	IS 14268	YES	NO	2
570	JAIPUR	MECHANICAL TESTING	Uncoated stress relieved low relaxation 7 ply strand	Chemical test	IS 14268	NO	NO	3
571	JAIPUR	MECHANICAL TESTING	Uncoated stress relieved low relaxation 7 ply strand	Full test	IS 14268	NO	NO	10
572	JAIPUR	MECHANICAL TESTING	Hot rolled steel rivet bar	Dimensions	IS 1148	YES	NO	1
573	JAIPUR	MECHANICAL TESTING	Hot rolled steel rivet bar	Tensile test	IS 1148	YES	NO	3
574	JAIPUR	MECHANICAL TESTING	Hot rolled steel rivet bar	Bend test	IS 1148	YES	NO	1
575	JAIPUR	MECHANICAL TESTING	Hot rolled steel rivet bar	Chemical analysis	IS 1148	NO	NO	3
576	JAIPUR	MECHANICAL TESTING	Hot rolled steel rivet bar	Full test	IS 1148	NO	NO	10
577	JAIPUR	MECHANICAL TESTING	High Tensile steel rivet bar	Dimensions	IS 1149	YES	NO	7
578	JAIPUR	MECHANICAL TESTING	High Tensile steel rivet bar	Tensile test	IS 1149	YES	NO	1
579	JAIPUR	MECHANICAL TESTING	High Tensile steel rivet bar	Bend test	IS 1149	YES	NO	1
580	JAIPUR	MECHANICAL TESTING	High Tensile steel rivet bar	Chemical analysis	IS 1149	NO	NO	3
581	JAIPUR	MECHANICAL TESTING	High Tensile steel rivet bar	Full test	IS 1149	NO	NO	7
582	JAIPUR	MECHANICAL TESTING	Conductor ACSR	Dimensions	IS 398	YES	NO	1
583	JAIPUR	MECHANICAL TESTING	Conductor ACSR	Lay ratio & Direction of lay	IS 398	YES	NO	1
584	JAIPUR	MECHANICAL TESTING	Conductor ACSR	Breaking load	IS 398	YES	NO	2
585	JAIPUR	MECHANICAL TESTING	Conductor ACSR	Ductility	IS 398	YES	NO	1

586	JAIPUR	MECHANICAL TESTING	Conductor ACSR	Wrapping test	IS 398	YES	NO	1
587	JAIPUR	MECHANICAL TESTING	Conductor ACSR	Coating test	IS 398	NO	NO	3
588	JAIPUR	MECHANICAL TESTING	Conductor ACSR	Resistance of Aluminium wire at 20 deg. C	IS 398	NO	NO	1
589	JAIPUR	MECHANICAL TESTING	Conductor ACSR	Full test	IS 398	NO	NO	10
590	JAIPUR	MECHANICAL TESTING	Brass bars/ rods	Tensile test	IS 319	YES	YES	3
591	JAIPUR	MECHANICAL TESTING	Brass bars/ rods	Chemical analysis	IS 319	YES	YES	3
592	JAIPUR	MECHANICAL TESTING	Brass bars/ rods	Full test	IS 319	YES	YES	7
593	JAIPUR	MECHANICAL TESTING	C.I. Spigot & socket soil waste & ventilating pipe	Hammer test	IS 1729	NO	NO	1
594	JAIPUR	MECHANICAL TESTING	hydraustatic test	hydrostatic test	IS 1729	NO	NO	2
595	JAIPUR	MECHANICAL TESTING	Dimension test	Dimension test	IS 1729	YES	NO	1
596	JAIPUR	MECHANICAL TESTING	Mass	Mass	IS 1729	YES	NO	1
597	JAIPUR	MECHANICAL TESTING	Hardness test	Hardness test	IS 1729	YES	NO	1
598	JAIPUR	MECHANICAL TESTING	Full test	Full test	IS 1729	NO	NO	10
599	JAIPUR	MECHANICAL TESTING	Sluice valves	Dimensions	IS 14846	YES	NO	1
600	JAIPUR	MECHANICAL TESTING	Sluice valves	Mass	IS 14846	YES	NO	1
601	JAIPUR	MECHANICAL TESTING	Sluice valves	Hydraulic test	IS 14846	NO	NO	2
602	JAIPUR	MECHANICAL TESTING	Sluice valves	Coating test	IS 14846	NO	NO	2
603	JAIPUR	MECHANICAL TESTING	Sluice valves	Full test	IS 14846	NO	NO	10
604	JAIPUR	MECHANICAL TESTING	Hollow steel section for structural use	Dimensions	IS 4923	YES	NO	1
605	JAIPUR	MECHANICAL TESTING	Hollow steel section for structural use	Weight	IS 4923	YES	NO	1
606	JAIPUR	MECHANICAL TESTING	Hollow steel section for structural use	Tensile	IS 4923	YES	NO	3
607	JAIPUR	MECHANICAL TESTING	Hollow steel section for structural use	Straightness & twist test	IS 4923	NO	NO	1
608	JAIPUR	MECHANICAL TESTING	Hollow steel section for structural use	Concavity / Convexity test	IS 4923	NO	NO	1
609	JAIPUR	MECHANICAL TESTING	Hollow steel section for structural use	Oiling & painting test	IS 4923	NO	NO	1
610	JAIPUR	MECHANICAL TESTING	Hollow steel section for structural use	Chemical analysis	IS 4923	YES	NO	3
611	JAIPUR	MECHANICAL TESTING	Hollow steel section for structural use	Full test	IS 4923	NO	NO	12
612	JAIPUR	MECHANICAL TESTING	Seamless / ERW Steel pipes	Dimensions	IS 3589	YES	NO	1
613	JAIPUR	MECHANICAL TESTING	Seamless / ERW Steel pipes	Visual inspection	IS 3589	YES	NO	1
614	JAIPUR	MECHANICAL TESTING	Seamless / ERW Steel pipes	Workmanship	IS 3589	YES	NO	1
615	JAIPUR	MECHANICAL TESTING	Seamless / ERW Steel pipes	Straightness test	IS 3589	NO	NO	1
616	JAIPUR	MECHANICAL TESTING	Seamless / ERW Steel pipes	Mass	IS 3589	YES	NO	1
617	JAIPUR	MECHANICAL TESTING	Seamless / ERW Steel pipes	Tensile	IS 3589	YES	NO	3
618	JAIPUR	MECHANICAL TESTING	Seamless / ERW Steel pipes	Flattening test	IS 3589	YES	NO	2
619	JAIPUR	MECHANICAL TESTING	Seamless / ERW Steel pipes	Chemical analysis	IS 3589	YES	NO	3
620	JAIPUR	MECHANICAL TESTING	Seamless / ERW Steel pipes	Full test	IS 3589	NO	NO	15
621	JAIPUR	MECHANICAL TESTING	Steel Wire for cold formed springs	Dimensions	IS 4454(part1)	YES	NO	1
622	JAIPUR	MECHANICAL TESTING	Steel Wire for cold formed springs	Tensile	IS 4454(part1)	YES	NO	3
623	JAIPUR	MECHANICAL TESTING	Steel Wire for cold formed springs	Reduction in area	IS 4454(part1)	YES	NO	1
624	JAIPUR	MECHANICAL TESTING	Steel Wire for cold formed springs	Torsion test / wrapping test	IS 4454(part1)	YES	NO	1
625	JAIPUR	MECHANICAL TESTING	Steel Wire for cold formed springs	Chemical analysis	IS 4454(part1)	YES	NO	3
626	JAIPUR	MECHANICAL TESTING	Steel Wire for cold formed springs	Full test	IS 4454(part1)	YES	NO	10
627	JAIPUR	MECHANICAL TESTING	Leadad and tin bronze ingots and casting	Tensile	IS 318	YES	YES	3
628	JAIPUR	MECHANICAL TESTING	Leadad and tin bronze ingots and casting	Dimensions	IS 318	YES	YES	1
629	JAIPUR	MECHANICAL TESTING	Leadad and tin bronze ingots and casting	Mass	IS 318	YES	YES	1
630	JAIPUR	MECHANICAL TESTING	Leadad and tin bronze ingots and casting	Chemical analysis	IS 318	YES	YES	3
631	JAIPUR	MECHANICAL TESTING	Leadad and tin bronze ingots and casting	Full test	IS 318	YES	YES	10
632	JAIPUR	MECHANICAL TESTING	Line pipe	Dimensions	IS 1978	YES	NO	1
633	JAIPUR	MECHANICAL TESTING	Line pipe	Weight	IS 1978	YES	NO	1
634	JAIPUR	MECHANICAL TESTING	Line pipe	Straightness test	IS 1978	NO	NO	1
635	JAIPUR	MECHANICAL TESTING	Line pipe	Tensile	IS 1978	YES	NO	3
636	JAIPUR	MECHANICAL TESTING	Line pipe	Flattening test	IS 1978	NO	NO	2
637	JAIPUR	MECHANICAL TESTING	Line pipe	Workmanship	IS 1978	YES	NO	1
638	JAIPUR	MECHANICAL TESTING	Line pipe	Visual inspection	IS 1978	YES	NO	1
639	JAIPUR	MECHANICAL TESTING	Line pipe	Chemical analysis	IS 1978	NO	NO	3
640	JAIPUR	MECHANICAL TESTING	Line pipe	Full test	IS 1978	NO	NO	15
641	JAIPUR	MECHANICAL TESTING	GI Strand	Dimensions	IS 2141	YES	NO	1
642	JAIPUR	MECHANICAL TESTING	GI Strand	Lay length & direction	IS 2141	YES	NO	1
643	JAIPUR	MECHANICAL TESTING	GI Strand	Tensile test	IS 2141	YES	NO	3
644	JAIPUR	MECHANICAL TESTING	GI Strand	Ductility test	IS 2141	YES	NO	1
645	JAIPUR	MECHANICAL TESTING	GI Strand	Freedom from defect	IS 2141	YES	NO	1
646	JAIPUR	MECHANICAL TESTING	GI Strand	Galvanising	IS 2141	YES	NO	2
647	JAIPUR	MECHANICAL TESTING	GI Strand	Full test	IS 2141	YES	NO	12
648	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Visual Examination	IS:513 (Part -1)	YES	NO	1
649	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Dimension	IS:513 (Part -1)	YES	NO	1
650	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Tensile test	IS:513 (Part -1)	YES	NO	3
651	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Hardness	IS:513 (Part -1)	YES	NO	1
652	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Bend test	IS:513 (Part -1)	YES	NO	1
653	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Chemical Composition	IS:513 (Part -1)	YES	NO	3

654	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Cupping test	IS:513 (Part -1)	NO	NO	2
655	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Surface Finish	IS:513 (Part -1)	NO	NO	1
656	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Visual Examination	IS:513 (Part -2)	YES	NO	1
657	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Dimension	IS:513 (Part -2)	YES	NO	1
658	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Tensile test	IS:513 (Part -2)	YES	NO	3
659	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Bend test	IS:513 (Part -2)	YES	NO	1
660	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Chemical Composition	IS:513 (Part -2)	YES	NO	3
661	JAIPUR	MECHANICAL TESTING	Cold Reduced Carbon Steel Sheet and Strip	Surface Finish	IS:513 (Part -2)	NO	NO	1
662	JAIPUR	MECHANICAL TESTING	Charpy Impact Test- Quality BR	Charpy Impact Test- Quality BR	IS 1757 : 1988	YES	NO	4
663	JAIPUR	MECHANICAL TESTING	Charpy Impact Test- Quality B0/C	Charpy Impact Test- Quality B0/C	IS 1757 : 1988	YES	NO	4
664	JAIPUR	MECHANICAL TESTING	Tensile testing- Without sample preparation	Tensile testing- Without sample preparation	IS 1608-1	YES	NO	3
665	JAIPUR	MECHANICAL TESTING	Tensile testing- Including sample preparation	Tensile testing- Including sample preparation	IS 1608-1	YES	NO	3
666	JAIPUR	MECHANICAL TESTING	Brinell Hardness Testing	Brinell Hardness Testing	IS:1500-1	YES	NO	2
667	JAIPUR	MECHANICAL TESTING	Vickers Hardness Testing	Vickers Hardness Testing	IS:1501-1	YES	NO	2
668	JAIPUR	MECHANICAL TESTING	Rockwell Hardness Testing	Rockwell Hardness Testing	IS:1586-1	YES	NO	2
669	JAIPUR	MECHANICAL TESTING	Hydrostatic pressure testing	Hydrostatic pressure testing	IS:778 and Relevent Specification	YES	NO	3
670	JAIPUR	MECHANICAL TESTING	Bend test: Without sample preparation	Bend test: Without sample preparation	IS:1599	YES	NO	2
671	JAIPUR	MECHANICAL TESTING	Bend test: Including sample preparation	Bend test: Including sample preparation	IS:1599	YES	NO	5
672	JAIPUR	MECHANICAL TESTING	Cupping Test	Cupping Test	IS:10177	NO	NO	2
673	JAIPUR	MECHANICAL TESTING	Wrapping Test	Wrapping Test	IS:1755	YES	NO	2
674	JAIPUR	MECHANICAL TESTING	Dimension measurement- Up to 10 dimensions	Dimensions	IS:1239-1 and Relevent Specification	YES	NO	2
675	JAIPUR	MECHANICAL TESTING	Steel Tubes , Tubulars and other wrought steel fittings : Full Test	Full Tests	I.S.: 1239 (Part.1) 2004	YES	NO	12