



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

TCR ENGINEERING SERVICES PVT. LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

VKB HOUSE, PLOT NO. EL 182, MIDC TTC, INDUSTRIAL AREA, ELECTRONIC ZONE, MAHAPE, NAVI
MUMBAI, THANE, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-6905

Issue Date: 27/02/2020

Valid Until:

26/02/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TCR ENGINEERING SERVICES PVT. LTD., VKB HOUSE, PLOT NO. EL 182, MIDC TTC,
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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 Facility				
1	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Cadmium	IEC 62321-3-1
2	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA
3	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Chromium	IEC 62321-3-1
4	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
5	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Lead	IEC 62321-3-1
6	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
7	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Mercury	IEC 62321-3-1
8	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
9	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Cadmium	IEC 62321-3-1



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10	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA
11	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Chromium	IEC 62321-3-1
12	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
13	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Lead	IEC 62321-3-1
14	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
15	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Mercury	IEC 62321-3-1
16	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
17	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting, Lamps, lighting fixtures, light bulb, electrical wrings	Cadmium	IEC 62321-3-1
18	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting, Lamps, lighting fixtures, light bulb, electrical wrings	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA



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19	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Chromium	IEC 62321-3-1
20	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
21	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Lead	IEC 62321-3-1
22	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
23	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Mercury	IEC 62321-3-1
24	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA



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25	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Cadmium	IEC 62321-3-1; 2013, IEC 62321-5
26	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA 2019/ IS 16197 (Part 5): 2014, RA
27	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Chromium	IEC 62321 -3-1
28	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA 2019/ IS 16197 (Part 5): 2014, RA
29	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Chromium(VI)	IEC 62321-7-1
30	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Chromium(VI)	IS 16197 (Part 7, Sec 1)
31	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Lead	IEC 62321-3-1; 2013, IEC 62321-5
32	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Lead	IS 16197 (Part 3, Sec 1): 2014, RA 2019/ IS 16197 (Part 5): 2014, RA
33	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Mercury	IEC 62321-3-1; 2013, IEC 62321-4
34	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA 2019/ IS 16197 (Part 4): 2014, RA



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35	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Cadmium	IEC 62321-3-1
36	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Chromium	IEC 62321-3-1
37	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Lead	IEC 62321-3-1
38	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Mercury	IEC 62321-3-1
39	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA
40	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
41	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
42	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
43	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins, Rubbers, Glues	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA



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44	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
45	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
46	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
47	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s,	Cadmium	IEC 62321-3-1
48	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s,	Chromium	IEC 62321-3-1
49	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s,	Lead	IEC 62321-3-1
50	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s,	Mercury	IEC 62321-3-1
51	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Cadmium	IEC 62321 -3-1



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52	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Cadmium	IS 16197 (Part 3: Sec 1) 2014, RA
53	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Chromium	IEC 62321 (Part 3-1)
54	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
55	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Lead	IEC 62321-3-1
56	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
57	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Mercury	IEC 62321-3-1
58	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
59	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Boron	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
60	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Cadmium	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
61	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Cadmium	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
62	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January



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63	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
64	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E1251
65	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
66	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
67	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
68	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E1251
69	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
70	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
71	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
72	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
73	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
74	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
75	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
76	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January



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77	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E34
78	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	IS 504 (Part 1) : 2002
79	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	IS 504 : 1963
80	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E1251
81	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
82	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
83	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
84	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E1251
85	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
86	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
87	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zirconium	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January
88	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zirconium	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
89	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Iron	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
90	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Tin	TCR-TM-AAS-03-AI Issue No. 1 (2013) 02 January



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91	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Tin	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
92	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Vanadium	TCR-TM-ICP-03-AI Issue No. 1 (2013) 02 January
93	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Antimony	ASTM E1251
94	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Cadmium	ASTM E1251
95	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Chromium	ASTM E1251
96	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Iron	ASTM E1251
97	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Magnesium	ASTM E1251
98	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Manganese	ASTM E1251
99	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Nickel	ASTM E1251
100	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Silicon	ASTM E1251
101	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Titanium	ASTM E1251
102	CHEMICAL- METALS & ALLOYS	Aluminum and its alloys	Zirconium	ASTM E1251
103	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Aluminium	ASTM E415
104	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Aluminium	IS 8811



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105	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Antimony	ASTM E415
106	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Antimony	IS 8811
107	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Boron	ASTM E415
108	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Boron	IS 8811
109	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Carbon	ASTM E415
110	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Carbon	IS 8811
111	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Chromium	ASTM E415
112	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Chromium	IS 8811
113	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Cobalt	ASTM E415
114	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Cobalt	IS 8811
115	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Copper	ASTM E415
116	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Copper	IS 8811
117	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Lead	ASTM E415
118	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Lead	IS 8811



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119	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Manganese	ASTM E415
120	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Manganese	IS 8811
121	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Molybdenum	ASTM E415
122	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Molybdenum	IS 8811
123	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Nickel	ASTM E415
124	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Nickel	IS 8811
125	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Niobium	ASTM E415
126	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Niobium	IS 8811
127	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Nitrogen	ASTM E415
128	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Nitrogen	IS 8811
129	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Phosphorus	ASTM E415
130	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Phosphorus	IS 8811
131	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Silicon	ASTM E415
132	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Silicon	IS 8811



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133	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Sulfur	ASTM E415
134	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Sulfur	IS 8811
135	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Tantalum	TCR/TM-03-OES Issue No. 2 (2013) January 02
136	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Tin	ASTM E415
137	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Tin	IS 8811
138	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Titanium	ASTM E415
139	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Titanium	IS 8811
140	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Tungsten	ASTM E415
141	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Tungsten	IS 8811
142	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Vanadium	ASTM E415
143	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Vanadium	IS 8811
144	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Zirconium	ASTM E415
145	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Zirconium	IS 8811
146	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminum	ASTM E1999



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147	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
148	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
149	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
150	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999
151	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
152	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
153	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999
154	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
155	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	ASTM E1999
156	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E1999
157	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999
158	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E1999
159	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	BS EN 15079
160	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminum	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January



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161	CHEMICAL- METALS & ALLOYS	Copper & Its alloys	Aluminum	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
162	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	BS EN 15079
163	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
164	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
165	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	BS EN 15079
166	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
167	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
168	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Beryllium	BS EN 15079
169	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Beryllium	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
170	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Beryllium	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
171	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	BS EN 15079
172	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
173	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
174	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	BS EN 15079



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175	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
176	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
177	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Carbon	ASTM E1019
178	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
179	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
180	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
181	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BS EN 15079
182	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
183	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
184	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 3685 : 1966
185	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 4027 (Part 1) :1987
186	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 440 : 1964
187	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079
188	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	IS 3685 : 1966



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189	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
190	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
191	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	ASTM E478 : 2008
192	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	BS EN 15079
193	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	IS 3685 : 1966
194	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	IS 4027 (Part 1) : 1987
195	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
196	CHEMICAL- METALS & ALLOYS	Copper & Its alloys	Lead	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
197	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
198	CHEMICAL- METALS & ALLOYS	copper & its alloys	Manganese	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
199	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
200	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Mercury	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
201	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	ASTM E478 : 2008
202	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079



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203	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
204	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
205	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	BS EN 15079
206	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	IS 4027 (Part 3) : 1987
207	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	IS 3685 : 1966
208	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Selenium	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
209	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Selenium	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
210	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
211	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	IS 4027 (Part 10) : 1987
212	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	BS EN 15079
213	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
214	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
215	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulfur	ASTM E1019
216	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulfur	BS EN 15079



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217	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tellurium	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
218	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tellurium	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
219	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	ASTM E478 :2008
220	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	BS EN 15079
221	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	IS 4027 (Part 5) : 1987
222	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
223	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
224	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	ASTM E478 : 2008
225	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
226	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	TCR-TM-AAS-02-Cu Issue No. 1 (2013) 02 January
227	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	TCR-TM-ICP-02-Cu Issue No. 1 (2013) 02 January
228	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Chromium	ASTM E1476 (2004)



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229	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Cobalt	ASTM E1476 (2004)
230	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Iron	ASTM E1476
231	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Tin	ASTM E1476 (2004)
232	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Titanium	ASTM E1476 (2004)
233	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Tungsten	ASTM E1476 (2004)
234	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Vanadium	ASTM E1476 (2004)
235	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Zinc	ASTM E1476 (2004)



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236	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Copper	ASTM E1476 (2004)
237	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Lead	ASTM E1476 (2004)
238	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Manganese	ASTM E1476 (2004)
239	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Molybdenum	ASTM E1476 (2004)
240	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Nickel	ASTM E1476 (2004)
241	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Niobium	ASTM E1476 (2004)
242	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Aluminum	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
243	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Aluminum	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
244	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Arsenic	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January



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245	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Boron	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
246	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Chromium	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
247	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Chromium	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
248	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Cobalt	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
249	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Cobalt	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
250	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Copper	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
251	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Copper	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
252	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Lead	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
253	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Lead	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
254	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Magesium	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
255	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Magnesium	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
256	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Manganese	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
257	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Manganese	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
258	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Molybdenum	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan



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259	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Molybdenum	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
260	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Nickel	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
261	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Nickel	TCR-TM-ICP-01-Fe Issue No.1 (2013) January 02
262	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Niobium	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
263	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Tin	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
264	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Tin	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
265	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Titanium	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
266	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Titanium	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
267	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Tungsten	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
268	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Vanadium	TCR-TM-AAS-01-Fe Issue No. 1 (2013) 02 Jan
269	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Vanadium	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January
270	CHEMICAL- METALS & ALLOYS	Iron base & its alloys	Zirconium	TCR-TM-ICP-01-Fe Issue No. 1 (2013) 02 January



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271	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Carbon	ASTM E1019
272	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Chromium	IS 228 (Part 06) 1987
273	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Chromium	TCR/TM-06-(Cr-WET) Issue No. 1 (2016) 15 January
274	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Manganese	IS 228 (Part 02) 1987



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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
275	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Nickel	IS 228 (Part 05) 1987
276	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Nitrogen	IS 228 (Part 19) 1998
277	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Phosphorus	IS 228 (Part 03) 1987
278	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Silicon	IS 228 (Part 08) 1989



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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
279	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Sulfur	ASTM E1019
280	CHEMICAL- METALS & ALLOYS	Iron base & its alloys (Stainless steel, carbon & alloy steel, tool steel, cast iron & Other Similar Chromium-Nickel-Iron Alloys)	Tungsten	IS 228 (Part 16) 1992
281	CHEMICAL- METALS & ALLOYS	Metallic Material	Salt Spray Test	ASTM B117
282	CHEMICAL- METALS & ALLOYS	Metallic Material	Salt Spray Test	ASTM B368-09
283	CHEMICAL- METALS & ALLOYS	Metallic Material	Salt Spray Test	IS 6910 : 1985
284	CHEMICAL- METALS & ALLOYS	Metallic Material	Salt Spray Test	ISO 9227
285	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	TCR/TM-03-OES Issue No. 2 (2013) January 02
286	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminum	ASTM E3047
287	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminum	ASTM E354
288	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminum	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January



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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
289	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminum	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
290	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	ASTM E3047
291	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
292	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	TCR/TM-03-OES Issue No. 2 (2013) January 02
293	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E1019
294	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E3047
295	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	TCR/TM-03-OES Issue No. 2 (2013) January 02
296	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E3047
297	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E354
298	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January
299	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
300	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	TCR/TM-03-OES Issue No. 2 (2013) January 02
301	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E3047
302	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January



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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
303	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
304	CHEMICAL- METALS & ALLOYS	Nickel & Its alloys	Cobalt	TCR/TM-03-OES Issue No. 2 (2013) January 02
305	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E3047
306	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E354
307	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January
308	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
309	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	TCR/TM-03-OES Issue No. 2 (2013) January 02
310	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E3047
311	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January
312	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
313	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	TCR/TM-03-OES Issue No. 2 (2013) January 02
314	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Lead	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January
315	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Lead	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
316	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Managnese	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January



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317	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E3047
318	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
319	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	TCR/TM-03-OES Issue No. 2 (2013) January 02
320	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E3047
321	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E354
322	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January
323	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
324	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	TCR/TM-03-OES Issue No. 2 (2013) January 02
325	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	ASTM E3047
326	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	TCR/TM-03-OES Issue No. 2 (2013) January 02
327	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Nitrogen	TCR-TM-04-N2 Issue No. 2 (2013) 02 January
328	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	ASTM E3047
329	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	ASTM E354
330	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	TCR/TM-03-OES Issue No. 2 (2013) January 02



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331	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E3047
332	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E354
333	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	TCR/TM-03-OES Issue No. 2 (2013) January 02
334	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulfur	ASTM E1019
335	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulfur	ASTM E3047
336	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulfur	TCR/TM-03-OES Issue No. 2 (2013) January 02
337	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	ASTM E3047
338	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
339	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	TCR/TM-03-OES Issue No. 2 (2013) January 02
340	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E3047
341	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January
342	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
343	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	TCR/TM-03-OES Issue No. 2 (2013) January 02
344	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	ASTM E3047



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345	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
346	CHEMICAL- METALS & ALLOYS	Nickel & Its alloys	Tungsten	TCR/TM-03-OES Issue No. 2 (2013) January 02
347	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	ASTM E3047
348	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	TCR-TM-AAS-04-Ni Issue No. 1 (2013) 02 January
349	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	TCR-TM-ICP-04-Ni Issue No. 1 (2013) 02 January
350	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	TCR/TM-03-OES Issue No. 2 (2013) January 02
351	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	TCR/TM-03-OES Issue No. 2(2013) January 02
352	CHEMICAL- METALS & ALLOYS	Stainless Steel	Antimony	TCR/TM-03-OES Issue No. 2 (2013) January 02
353	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	TCR/TM-03-OES Issue No. 2 (2013) January 02
354	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
355	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	TCR/TM-03-OES Issue No. 2
356	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
357	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	TCR/TM-03-OES Issue No. 2 (2013) January 02
358	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	TCR/TM-03-OES Issue No. 2 (2013) January 02



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359	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
360	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	TCR/TM-03-OES Issue No. 2 (2013) January 02
361	CHEMICAL- METALS & ALLOYS	Stainless Steel	Lead	TCR/TM-03-OES Issue No. 2 (2013) January 02
362	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
363	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	TCR/TM-03-OES Issue No. 2 (2013) January 02
364	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
365	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	TCR/TM-03-OES Issue No. 2 (2013) January 02
366	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
367	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	TCR/TM-03-OES Issue No. 2 (2013) January 02
368	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	TCR/TM-03-OES Issue No. 2 (2013) January 02
369	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	TCR/TM-03-OES Issue No. 2 (2013) January 02
370	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086
371	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	TCR/TM-03-OES Issue No. 2 (2013) January 02
372	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086



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373	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	TCR/TM-03-OES Issue No. 2 (2013) January 02
374	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	ASTM E1086
375	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	TCR/TM-03-OES Issue No. 2, January 02
376	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantalum	ASTM E1086
377	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantalum	TCR/TM-03-OES Issue No. 2, January 02
378	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tin	TCR/TM-03-OES Issue No. 2 (2013) January 02
379	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	TCR/TM-03-OES Issue No. 2 (2013) January 02
380	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	TCR/TM-03-OES Issue No. 2 (2013) January 02
381	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	TCR/TM-03-OES Issue No. 2 (2013) January 02
382	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	TCR/TM-03-OES Issue No. 2 (2013) January 02
383	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	TCR/TM-03-OES Issue No. 2 (2013) January 02
384	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	TCR/TM-03-OES Issue No. 2 (2013) January 02
385	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	TCR/TM-03-OES Issue No. 2 (2013) January 02
386	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	TCR/TM-03-OES Issue No. 2 (2013) January 02



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387	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	TCR/TM-03-OES Issue No. 2 (2013) January 02
388	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	TCR/TM-03-OES Issue No. 2 (2013) January 02
389	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorus	TCR/TM-03-OES Issue No. 2 (2013) January 02
390	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	TCR/TM-03-OES Issue No. 2 (2013) January 02
391	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulfur	TCR/TM-03-OES Issue No. 2 (2013) January 02
392	CHEMICAL- METALS & ALLOYS	Tool Steel	Titanium	TCR/TM-03-OES Issue No. 2 (2013) January 02
393	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	TCR/TM-03-OES Issue No. 2 (2013) January 02
394	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	TCR/TM-03-OES Issue No. 2 (2013) January 02
395	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fasteners	Proof Load Test (Nuts)	IS 1367 (Part 6)
396	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fasteners	Proof Load Test (Bolts, Studs & Screws)	ASTM A370
397	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fasteners	Proof Load Test (Bolts, Studs & Screws)	IS 1367 (Part 3)
398	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fasteners	Proof Load Test (Bolts, Studs & Screws)	ISO 898 (Part 1)



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399	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fasteners	Proof Load Test (Nuts)	ISO 898 (Part 2)
400	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fasteners	Proof Load Test (Screws)	IS 1367 (Part 14), Sec 3
401	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile Test Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ASTM A370
402	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile Test Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ISO 6892-1
403	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile Test Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ASTM E8
404	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Material	Tensile Test Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	IS 1608 (Part 1)
405	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Axial Force Fatigue Test	ASTM A1034
406	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Axial Force Fatigue Test	IS 5074
407	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Axial Force Fatigue Test	ISO 15630 (Part 1)
408	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	API 1104



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409	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ASME Section IX
410	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ASTM A370
411	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ASTM A370
412	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ASTM E190
413	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ASTM E290
414	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ASTM E290
415	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ASTM E290
416	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	AWS D 1.1
417	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	BS EN 910
418	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	IS 1599



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419	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	IS 1599
420	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	IS 1599
421	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	IS 3589
422	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ISO 5173
423	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ISO 7438
424	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ISO 7438
425	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ASTM A370
426	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ASTM A370
427	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ASTM A370
428	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ASTM E10



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429	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ASTM E10
430	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ASTM E10
431	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	IS 1500 (Part 1)
432	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	IS 1500 (Part 1)
433	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	IS 1500 (Part 1)
434	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	IS 1500 (Part 1)
435	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	IS 1500 (Part 1)
436	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	IS 1500 -1
437	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ISO 6506 (Part 1)
438	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ISO 6506 (Part 1)



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439	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ISO 6506 (Part 1)
440	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ISO 6506 (Part 1)
441	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness Test	ISO 6506 (Part 1)
442	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature : 25° C to - 101° C & -196° C)	BS EN 10045 (Part 1)
443	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature : 25° C to - 101° C & -196° C)	ASTM E23
444	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy impact test (Temperature :25° C to -101° C & -196° C)	ISO 9016
445	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature : 25° C to -101° C & -196° C)	ASTM E23
446	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature : 25° C to -101° C & -196° C)	BS EN 10045
447	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature : 25° C to -101° C & -196° C)	IS 1757 (Part 1)
448	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature : 25° C to -101° C & -196° C)	ISO 148 (Part 1)



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449	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature :25° C to -101° C & -196° C)	BS EN 875
450	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature :25° C to -101° C & -196° C)	ASTM A370
451	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature :25° C to -101° C & -196° C)	ASTM E23
452	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature :25° C to -101° C & -196° C)	IS 1757 (Part 1)
453	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (Temperature :25° C to -101° C & -196° C)	ISO 148 (Part 1)
454	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test((Temperature : 25° C to - 101° C &-196° C)	IS 1757 (Part 1)
455	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test((Temperature : 25° C to - 101° C &-196° C)	ISO 148 (Part 1)
456	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test((Temperature :25° C to -101° C & -196° C)	BS EN 10045 (Part 1)
457	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Creep Test	IS 3407 (Part 1)
458	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Creep Test	IS 3407 (Part 1)



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459	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Creep/Creep Rupture/Stress Rupture Test	ASTM E139
460	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Creep/Creep Rupture/Stress Rupture Test	ASTM E292
461	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Creep/Creep Rupture/Stress Rupture Test	ISO 204
462	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Creep/Stress Rupture Test	IS 3407 (Part 2)
463	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Ultimate Tensile Strength	ASTM E21
464	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Yield stress, 0.2% & 1.0% proof stress, 0.5% mEUL	ASTM E21
465	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Yield stress, 0.2% & 1.0% proof stress, 0.5% EUL	ISO 6892 (Part 2)
466	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Yield stress, 0.2% & 1.0% proof stress, 0.5% EUL	BS EN 10002 (Part 5)



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467	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ASTM E21
468	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	BS EN 10002 (Part 5)
469	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Ultimate Tensile Strength	BS EN 10002 (Part 5)
470	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ASTM E21
471	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ISO 6892 (Part 2)
472	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Reduction	ASTM E21



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473	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Ultimate tensile strength	ASTM E21
474	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Elongation	ASTM E21
475	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Elongation	BS EN 10002 (Part 5)
476	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Elongation	ISO 6892 (Part 2)
477	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Reduction	ASTM E21
478	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Reduction	BS EN 10002 (Part 5)
479	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Reduction	BS EN 10002 (Part 5)



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480	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Reduction	ISO 6892 (Part 2)
481	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Ultimate Tensile Strength	ASTM E21
482	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Ultimate Tensile Strength	BS EN 10002(Part 5)
483	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Ultimate Tensile Strength	ISO 6892 (Part 2)
484	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Ultimate Tensile Strength test	BS EN 10002 (Part 5)
485	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Elongation	ISO 6892 (Part 2)
486	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) % Reduction	ISO 6892 (Part 2)



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487	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elevated Temperature Tensile Test. (80 deg. C to 1100 deg. C) Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ISO 6892 (Part 2)
488	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Elongation	ASTM E8
489	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elongation	BS EN 10002 (Part 1)
490	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elongation	IS 1608 (Part 1)
491	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Elongation	ISO 6892 (Part 1)
492	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Erichsen Cupping Test	IS 10175
493	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Erichsen Cupping Test	IS 10175 (Part 1)
494	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Erichsen Cupping Test	IS 17175
495	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Flaring Test	IS 2335



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496	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Flattening Test	IS 2328
497	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Flattening Test	IS 2501
498	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Force Controlled Constant Amplitude Axial Fatigue Tests	ASTM E466
499	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Test	ASME Section IX
500	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Test	ASME Section VIII
501	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Test	AWS D 1.1
502	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	ASTM E1290
503	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	ASTM E399
504	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness test a) CTOD	ASTM E399
505	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	BS 7448 (Part -2)



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506	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	BS 7448 (Part -4)
507	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	BS 7448 (Part 1)
508	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	BS 7448 (Part 2)
509	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	ISO 12135
510	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	ISO 15653
511	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	ASTM B645
512	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	ASTM E399
513	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	ASTM E399
514	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part -2)
515	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part -3)



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516	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part -4)
517	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part 1)
518	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part 2)
519	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part 2)
520	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part 3)
521	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part 4)
522	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part-4)
523	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	ISO 12135
524	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	ISO 12135
525	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	ISO 15653



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526	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test c) J1C	ASTM E1820
527	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test c) J1C	BS 7448 (Part -3)
528	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test c) J1C	BS 7448 (Part -4)
529	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test c) J1C	BS 7448 (Part-2)
530	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test c) J1C	ISO 12135
531	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test c) J1C	ISO 15653
532	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test d) FCGR	ASTM E647
533	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test d) FCGR	ASTM E647
534	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test d) FCGR	ASTM E647
535	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test d) FCGR	ASTM E647



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536	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test d) FCGR	ISO 12108
537	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test d) FCGR	ISO 12108
538	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	BS 7448 (Part 1)
539	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test a) CTOD	BS 7448 (Part 2)
540	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part -3)
541	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	BS 7448 (Part 1)
542	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test b) K1C	ISO 12135
543	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Fracture Toughness Test c) J1C	ASTM E1820
544	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrogen Embrittlement Susceptibility Test	ASTM B577
545	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrogen Embrittlement Susceptibility Test	IS 6243



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546	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrogen Embrittlement Test	ASTM F519
547	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrostatic Pressure Test (6 mm to 168.3 mm OD)	ASTM A450
548	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrostatic Pressure Test (6 mm to 168.3 mm OD)	ASTM A530
549	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrostatic Pressure Test (6 mm to 168.3 mm OD)	ASTM A999
550	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrostatic Pressure Test (6 mm to 168.3 mm OD)	ASTM B111
551	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrostatic Pressure Test (6 mm to 168.3 mm OD)	ASTM B75
552	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrostatic Pressure Test (6 mm to 168.3 mm OD)	ASTM E1003
553	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrostatic Pressure Test (6 mm to 168.3 mm OD)	ASTM E1003
554	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Hydrostatic Pressure Test (6 mm to 168.3 mm OD)	is 2501
555	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Izod Impact Test	ASTM E23



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556	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Izod Impact Test	IS 1598-1977
557	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Macro etch Test	ASME Section IX
558	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro etch Test	ASTM A604
559	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro etch Test	ASTM A604
560	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro etch Test	ASTM E340
561	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro etch Test	ASTM E340
562	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro etch Test	BS EN 1321
563	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro etch Test	ISO 17639
564	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro Examination Test a) Metal expansion	ASME Section VIII
565	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro Examination Test a) Metal Expansion	ASME Section IX



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566	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Leak Path	ASME Section IX
567	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Leak Path	ASME Section VIII
568	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Leg Lengths	API 1104
569	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Leg Lengths	ASME Section IX
570	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Leg Lengths	ASME Section VIII
571	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Leg Lengths	AWS D1.1
572	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Metal Expansion	ASME Section IX
573	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Metal Expansion	ASME Section VIII
574	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Throat Length	ASME Section IX
575	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Throat Length	ASME Section VIII



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576	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Macro-Examination a) Throat Length	AWS D 1.1
577	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Mercurous Nitrate Test	ASTM B154
578	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Mercurous Nitrate Test	IS 2305
579	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Nick Break Test	API 1104
580	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Peel Test	ASME Section IX
581	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Peel Test	ASME Section VIII
582	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Pneumatic Pressure Test (3.18 mm to 60.33 mm OD)	ASTM B111
583	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Pneumatic Pressure Test (3.18 mm to 60.33 mm OD)	ASTM B75
584	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Pneumatic Pressure Test (3.18 mm to 60.33 mm OD)	IS 2501
585	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Re-Bend Test	IS 1786-2008



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586	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	ASTM A370
587	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	ASTM A370
588	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	ASTM E18
589	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	ASTM E18
590	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	ASTM E18
591	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	IS 1586 (Part 1)
592	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	IS 1586 (Part 1)
593	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	IS 1586 (Part 1)
594	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	IS 1586 (Part 2)
595	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	ISO 6508 (Part 1)



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596	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	ISO 6508 (Part 1)
597	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	ISO 6508 (Part 2)
598	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness Test	ISO 6508 (Part 2)
599	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Shear Load (Pull-out) Test	ASME Section IX
600	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Shear Load (Pull-out) Test	ASME Section VIII
601	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Shear Test	ASME Section IX
602	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Shear Test	ASME Section VIII
603	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Strain Controlled Fatigue Test	ASTM E606
604	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Strain Controlled Fatigue Test	ASTM E606
605	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Strain Controlled Fatigue Test	ASTM E606



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606	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test - Ultimate Tensile Strength	BS EN 10002 (Part 1)
607	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test	API 1104
608	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test	ASME Section IX
609	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test	AWS D 1.1
610	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test	BS EN 10002 (Part 1)
611	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test	BS EN 895
612	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test	BS EN ISO 4136
613	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test	IS 1367 (Part 14)
614	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test	ISO 898 (Part 1)
615	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test Reduction Area	ASTM E8



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616	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test Reduction Area	BS EN 10002 (Part 1)
617	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - % Elongation	ASTM A370
618	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - % Elongation	ASTM E8
619	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - % Elongation	BS EN 10002 (Part 1)
620	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - % Elongation	IS 1367 (Part 1)
621	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - % Elongation	IS 1608 (Part 1)
622	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - % Elongation	ISO 6892 (Part 1)
623	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - % Elongation	ISO 898 (Part 1)
624	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - Ultimate Tensile Strength	ASTM A370
625	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - Ultimate Tensile Strength	ASTM E8



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626	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - Ultimate Tensile Strength	BS EN 10002 (Part 1)
627	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - Ultimate Tensile Strength	IS 1367 (Part 14)
628	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - Ultimate Tensile Strength	IS 1608 (Part 1)
629	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test - Ultimate Tensile Strength	ISO 6892 (Part 1)
630	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - Ultimate Tensile Strength	ISO 6892 (Part 1)
631	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - Ultimate Tensile Strength	ISO 898 (Part 1)
632	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	ASTM A370
633	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test - Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ASTM E8
634	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test - Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	IS 1608 (Part 1)
635	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test - Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	IS 1608 (Part 1)



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636	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test - Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ISO 6892 (Part 1)
637	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test - Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ISO 898 (Part 1)
638	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test , % Reduction Area	ASTM A370
639	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test , % Reduction Area	ASTM E8
640	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test , % Reduction Area	BS EN 10002 (Part 1)
641	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile test- Ultimate Tensile Strength	IS 1608 (Part 1)
642	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Tensile Test -Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	ASTM E8
643	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test -Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	BS EN 10002 (Part 1)
644	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test -Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	IS 1367 (Part 1)
645	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test -Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	ISO 6892 (Part 1)



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646	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	IS 1608 (Part 1)
647	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Reduction Area	ASTM B557M
648	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Reduction Area	ASTM E8
649	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Reduction Area	BS EN 10002 (Part 1)
650	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Reduction Area	IS 1608 (Part 1)
651	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	API 1104
652	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	ASME Section IX
653	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	ASTM E8
654	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	ASTM E8
655	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	AWS D 1.1



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656	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	BS EN 10002 (Part 1)
657	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	BS EN 10002 (Part 1)
658	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	BS EN 895
659	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	BS EN ISO 4136
660	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	IS 1608 (Part 1)
661	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	ISO 6892 (Part 1)
662	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	ISO 898 (Part 1)
663	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, % Elongation	IS 1608 (Part 1)
664	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Ultimate Tensile Strength	API 1104
665	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Ultimate Tensile Strength	ASME Section IX



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666	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Ultimate Tensile Strength	ASTM E8
667	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Ultimate Tensile Strength	AWS D 1.1
668	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Ultimate Tensile Strength	BS EN 10002 (Part 1)
669	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Ultimate Tensile Strength	BS EN 895
670	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Ultimate Tensile Strength	BS EN ISO 4136
671	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Ultimate Tensile Strength	IS 1608 (Part 1)
672	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Ultimate Tensile Strength	ISO 6892 (Part 1)
673	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Yield Stress	API 1104
674	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Yield Stress	ASME Section IX
675	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Yield Stress	AWS D 1.1



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676	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Yield Stress	BS EN 895
677	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Yield Stress	ISO 4136
678	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ASTM E8
679	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	BS EN 10002 (Part 1)
680	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test, Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ISO 6892 (Part 1)
681	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Through Thickness Tensile Test - % Reduction Area	ASTM A770
682	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic materials	Through Thickness Tensile Test - % Reduction Area	ISO 7778
683	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Ultimate Tensile Strength	ISO 6892 (Part 2)
684	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test	BS EN 1043 (Part 2)
685	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test	ISO 6507 (Part 1)



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686	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	ASTM E92
687	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	ASTM E92
688	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	ASTM E92
689	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	BS EN 1043 (Part 1)
690	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	BS EN 1043 (Part 1)
691	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	IS 1501 (Part 1)
692	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	IS 1501 (Part 1)
693	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	IS 1501 (Part 1)
694	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	ISO 6507 (Part 1)
695	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	ISO 6507 (Part 1)



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696	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	ISO 6507 (Part 1)
697	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	ISO 9015 (Part 1)
698	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Macro Indentation)	ISO 9015 (Part 1)
699	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	BS EN 1043 (Part 2)
700	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ASTM E384
701	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ASTM E384
702	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ASTM E384
703	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ASTM E384
704	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ASTM E384
705	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	BS EN 1043 (Part 2)



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706	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	BS EN 1043 (Part 2)
707	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	BS EN 1043 (Part 2)
708	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)
709	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)
710	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)
711	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)
712	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)
713	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)-2013
714	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)-2013
715	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)-2013



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716	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)-2013
717	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)-2013
718	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 6507 (Part 1)
719	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 6507 (Part 1)
720	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 6507 (Part 1)
721	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 6507 (Part 1)
722	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 6507 (Part 1)
723	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 6507 (Part 1)
724	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 9015 (Part 2)
725	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 9015 (Part 2)



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726	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 9015 (Part 2)
727	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 9015 (Part 2)
728	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	ISO 9015 (Part 2)
729	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	ASTM E8
730	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	BS EN 10002 (Part 1))
731	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	IS 1608 (Part 1)
732	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	ISO 6892 (Part 1)
733	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Yield Stress, 0.2% & 1.0% Proof Stress, 0.5%EUL	ISO 898 (Part 1)
734	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test (Micro Indentation)	IS 1501 (Part 1)
735	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical Splices	Cyclic Tensile Test	ASTM A1034



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736	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical Splices	Cyclic Tensile Test	IS 16172
737	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical splices	High Cycle Fatigue Test	ASTM A1034
738	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical splices	High Cycle Fatigue Test	IS 16172
739	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical splices	Slip Test	ASTM A1034
740	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical splices	Slip Test	IS 16172
741	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical Splices	Static Tensile Test a) UTS	ASTM A 1034
742	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical Splices	Static Tensile Test a) UTS	ASTM A1034
743	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical Splices	Static Tensile Test a)UTS	IS 16172
744	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical Splices	Static Tensile Test b) %EL at Max. Force	ASTM A1034
745	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement bar/Mechanical Splices	Static Tensile Test b) %EL at Max. Force	IS 16172



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746	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bars, billets, blooms and forgings	Macro etch Test	ASTM E381
747	MECHANICAL- MECHANICAL PROPERTIES OF METALS	tubes/pipes	Flaring Test	ASTM A370
748	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tubes/Pipes	Flaring Test	ASTM B153
749	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tubes/Pipes	Flaring Test	IS 2335
750	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tubes/Pipes	Flaring Test	IS 2501
751	MECHANICAL- MECHANICAL PROPERTIES OF METALS	tubes/pipes	Flattening Test	ASTM A370
752	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tubes/Pipes	Flattening Test	ASTM B111
753	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Tubes/Pipes	Flattening Test	IS 2328
754	MECHANICAL- MECHANICAL PROPERTIES OF METALS	tubes/pipes	Flattening Test	IS 2501



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755	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought and cast Aluminium and magnesium alloy product	Tensile Test, Ultimate Tensile Strength	ASTM B557M
756	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought and cast Aluminium and magnesium alloy product	Tensile Test, Yield stress, 0.2% & 1.0% proof stress, 0.5%EUL	ASTM B557M
757	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought and cast Aluminium and Magnesium alloy products	Tensile Test, % Elongation	ASTM B557M
758	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Wrought and cast Aluminium and magnesium alloy products	Tensile Test, % Reduction Area	ASTM B557M
759	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Zinc Coated Iron & Steel	Mass Of Coating (Stripping Method)	ASTM A90
760	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Zinc Coated Iron & Steel	Mass Of Coating (Stripping Method)	IS 6745
761	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice A	ASTM A262
762	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice B	ASTM A262
763	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice C	ASTM A262
764	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice E	ASTM A262



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765	MECHANICAL-METALLOGRAPHY TEST	Austentic stainless Steel	IGC Method A	DIN EN ISO 3651 (Part 2)
766	MECHANICAL-METALLOGRAPHY TEST	Austentic stainless Steel	IGC Method B	DIN EN ISO 3651 (Part 2)
767	MECHANICAL-METALLOGRAPHY TEST	Austentic Stainless Steel	IGC Method C	DIN EN ISO 3651 (Part 2)
768	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Determination of Graphite in Cast Iron (Type, Shape, Size, %)	ASTM A247
769	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Determination of Graphite in Cast Iron (Type, Shape, Size, %)	IS 7754
770	MECHANICAL-METALLOGRAPHY TEST	Cast iron	Type Size, & Distribution	ASTM A247
771	MECHANICAL-METALLOGRAPHY TEST	Duplex Austenitic / Stainless Steel	Determination of Detrimental Intermetallic Phases (Method C)	ASTM A923
772	MECHANICAL-METALLOGRAPHY TEST	Duplex Austentic / Stainless Steel	Detection of detrimental Intremetallic Phases (Method A)	ASTM A923
773	MECHANICAL-METALLOGRAPHY TEST	Duplex Austentic/Stainless Steel	Determination of Detrimental Intermetallic Phases (Method B)	ASTM A923
774	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	IGC Practice W	ASTM A763
775	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	IGC Practice X	ASTM A763
776	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	IGC Practice Y	ASTM A763



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777	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	IGC Practice Z	ASTM A763
778	MECHANICAL-METALLOGRAPHY TEST	Metallic Material	Nodularity in SG Iron	IS 1865-1991
779	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Case Depth (By Microscopic Method)	IS 6416
780	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Case Depth (Hardness Method)	IS 6416
781	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	CSCC (CaCl ₂) Test	ASTM G36
782	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	CSCC (MgCl ₂) Test	ASTM G36
783	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Decarburization Test (By Microscopic Method)	ASTM E1077
784	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Decarburization Test (By Microscopic Method)	IS 6396
785	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Ferrite Content Test (By Ferrite-scope)	ASTM A799
786	MECHANICAL-METALLOGRAPHY TEST	metallic Materials	Ferrite Content Test (By Ferrite-scope)	ASTM A800
787	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Ferrite Content Test (By Ferrite-scope)	ASTM A800
788	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Ferrite Content Test (By Microscopic Method)	ASTM E562
789	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	HIC Test	NACE TM0284
790	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	IGC (NAMLT) Test	ASTM G67



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791	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Inclusion Rating Method A, D	ASTM E45
792	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Inclusion Rating Method M & K	DIN 50602
793	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination	BS EN 1321
794	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination	ISO 17639
795	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (General Structure)	ASM Volume 9
796	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (General Structure)	ASM Volume 9
797	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (Grain Size by Comparison Method)	ASTM E112
798	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (Grain Size by Comparison Method)	ASTM E112
799	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (Grain Size by Comparison Method)	ASTM E112
800	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (Grain Size by Comparison Method)	ASTM E112
801	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (Grain Size by Comparison Method)	IS 4748



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802	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (Grain Size by Comparison Method)	IS 4748
803	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (Grain Size by Comparison Method)	IS 4748
804	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Micro Examination (Grain Size by Comparison Method)	ISO 643
805	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SCC Test	ASTM B858
806	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SCC Test	ASTM G44
807	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SCC Test	ASTM G47
808	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	NACE TM0177
809	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	ASTM G39
810	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	EFC 16 (Third Edition)
811	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	EFC 17 (Second Edition)
812	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	EFC 17 (Third Edition)
813	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	IS 15490
814	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	ISO 11439



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815	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	ISO11439
816	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	NACE TM0177
817	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	SSCC Test	NACE TM0316
818	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Thickness of Coating (Microscopic Method)	ASTM B487
819	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Visual Assessment of Exfoliation Corrosion (ASSET) Test	ASTM G66
820	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Ferrite Content Test (By Ferrite-scope)	ASTM A799
821	MECHANICAL-METALLOGRAPHY TEST	Nickel Based Alloys	IGC Method A	ASTM G28
822	MECHANICAL-METALLOGRAPHY TEST	Nickel Based Alloys	IGC Method B	ASTM G28
823	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Crevice Corrosion Test (Method B)	ASTM G48
824	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Crevice Corrosion Test (Method D)	ASTM G48
825	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Crevice Corrosion Test (Method F)	ASTM G48
826	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	IGC Practice F	ASTM A262
827	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Pitting Corrosion Test (Method C)	ASTM G48



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828	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Pitting Corrosion Test (Method A)	ASTM G48
829	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Pitting Corrosion Test (Method E)	ASTM G48
830	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Prod) Visible & Fluorescent	ASME Sec. V Article 7
831	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Prod) Visible & Fluorescent	ASME SE709
832	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Prod) Visible & Fluorescent	ASTM E709
833	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non Ferrous Metals & its alloys	LPT by Visible & Florescent Technique using solvent removal technique - for Detection of flaws open to surface	ASME SE165
834	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non Ferrous Metals & its alloys	LPT by Visible & Florescent Technique using solvent removal technique - for Detection of flaws open to surface	ASME Sec. V Article 6
835	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non Ferrous Metals & its alloys	LPT by Visible & Florescent Technique using solvent removal technique - for Detection of flaws open to surface	ASMT E165



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836	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging , Plates , Castings, Pipes & Tubing	Ultrasonic Testing	ASME Sec. V Article 4 ,5 & 23
837	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Pipes & Tubing	Ultrasonic Testing	ASME SE213
838	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Castings	Ultrasonic Testing	ASME SA609
839	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Castings	Ultrasonic Testing	ASTM A609
840	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Pipes & Tubing	Ultrasonic Testing	ASME SE273
841	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Pipes & Tubing	Ultrasonic Testing	ASTM E213
842	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys plates	Ultrasonic Testing	ASME SA435
843	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys plates	Ultrasonic Testing	ASME SA578



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844	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys plates	Ultrasonic Testing	ASTM A578
845	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging	Ultrasonic Testing	ASME SA388
846	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging	Ultrasonic Testing	ASTM A388
847	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging , Plates , Castings, Pipes & Tubing	Ultrasonic Testing	ASME SE164
848	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging , Plates , Castings, Pipes & Tubing	Ultrasonic Testing	ASTM E164
849	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASME SE 155
850	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASME SE 94



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851	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays (Kv-250), Gamma Rays (Ir-192)	ASME SE192
852	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays (Kv-250), Gamma Rays (Ir-192)	ASME Sec. V Article 2 & 22
853	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays (Kv-250), Gamma Rays (Ir-192)	ASTM E 155
854	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays (Kv-250), Gamma Rays (Ir-192)	ASTM E 94
855	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Castings	Radiography Testing X-Rays (Kv-250), Gamma Rays (Ir-192)	ASTM E 446
856	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Castings	Radiography Testing X-Rays (Kv-250), Gamma Rays (Ir-192)	ASME SE 446
857	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Castings by Investment method.	Radiography Testing X-Rays (Kv-250), Gamma Rays (Ir-192)	ASTM E192
858	NON-DESTRUCTIVE-METALS & ALLOYS	Steel plates	Ultrasonic Testing	ASME SA577
859	NON-DESTRUCTIVE-METALS & ALLOYS	Steel plates	Ultrasonic Testing	ASTM A435
860	NON-DESTRUCTIVE-METALS & ALLOYS	Steel plates	Ultrasonic Testing	ASTM A577



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Site Facility				
1	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Cadmium	IEC 62321-3-1
2	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA
3	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Chromium	IEC 62321-3-1
4	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
5	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Lead	IEC 62321-3-1
6	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
7	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Mercury	IEC 62321-3-1
8	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS test for Electronics	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
9	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Cadmium	IEC 62321-3-1



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10	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA
11	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Chromium	IEC 62321-3-1
12	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
13	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Lead	IEC 62321-3-1
14	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
15	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Mercury	IEC 62321-3-1
16	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Fabrics, Paper products	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
17	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting, Lamps, lighting fixtures, light bulb, electrical wirings	Cadmium	IEC 62321-3-1
18	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting, Lamps, lighting fixtures, light bulb, electrical wirings	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA



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19	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Chromium	IEC 62321-3-1
20	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
21	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Lead	IEC 62321-3-1
22	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
23	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Mercury	IEC 62321-3-1
24	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Lighting,Lamps,lighting fixtures,light bulb,electrical wrings	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA



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25	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Cadmium	IEC 62321-3-1; 2013, IEC 62321-5
26	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA 2019/ IS 16197 (Part 5): 2014, RA
27	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Chromium	IEC 62321 -3-1
28	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA 2019/ IS 16197 (Part 5): 2014, RA
29	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Chromium(VI)	IEC 62321-7-1
30	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Chromium(VI)	IS 16197 (Part 7, Sec 1)
31	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Lead	IEC 62321-3-1; 2013, IEC 62321-5
32	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Lead	IS 16197 (Part 3, Sec 1): 2014, RA 2019/ IS 16197 (Part 5): 2014, RA
33	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Mercury	IEC 62321-3-1; 2013, IEC 62321-4
34	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Metallic Materials	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA 2019/ IS 16197 (Part 4): 2014, RA



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35	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Cadmium	IEC 62321-3-1
36	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Chromium	IEC 62321-3-1
37	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Lead	IEC 62321-3-1
38	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Mercury	IEC 62321-3-1
39	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA
40	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
41	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
42	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Paints & Inks products	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
43	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins, Rubbers, Glues	Cadmium	IS 16197 (Part 3, Sec 1): 2014, RA



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44	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
45	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
46	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
47	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s,	Cadmium	IEC 62321-3-1
48	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s,	Chromium	IEC 62321-3-1
49	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s,	Lead	IEC 62321-3-1
50	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for Products of plastics, Resins,Rubbers,Glue s,	Mercury	IEC 62321-3-1
51	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Cadmium	IEC 62321 -3-1



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52	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Cadmium	IS 16197 (Part 3: Sec 1) 2014, RA
53	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Chromium	IEC 62321 (Part 3-1)
54	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Chromium	IS 16197 (Part 3, Sec 1): 2014, RA
55	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Lead	IEC 62321-3-1
56	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Lead	IS 16197 (Part 3, Sec 1): 2014, RA
57	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Mercury	IEC 62321-3-1
58	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	RoHS Test for various computer parts	Mercury	IS 16197 (Part 3, Sec 1): 2014, RA
59	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Chromium	ASTM E1476 (2004)
60	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Cobalt	ASTM E1476 (2004)



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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
61	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Iron	ASTM E1476
62	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Tin	ASTM E1476 (2004)
63	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Titanium	ASTM E1476 (2004)
64	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Tungsten	ASTM E1476 (2004)
65	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Vanadium	ASTM E1476 (2004)
66	CHEMICAL- METALS & ALLOYS	identification Metallic material by portable XRF analyzer	Zinc	ASTM E1476 (2004)
67	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Copper	ASTM E1476 (2004)



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68	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Lead	ASTM E1476 (2004)
69	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Manganese	ASTM E1476 (2004)
70	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Molybdenum	ASTM E1476 (2004)
71	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Nickel	ASTM E1476 (2004)
72	CHEMICAL- METALS & ALLOYS	identification of Metallic material by portable XRF analyzer	Niobium	ASTM E1476 (2004)
73	NON-DESTRUCTIVE- METALS & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Prod) Visible & Fluorescent	ASME Sec. V Article 7
74	NON-DESTRUCTIVE- METALS & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Prod) Visible & Fluorescent	ASME SE709
75	NON-DESTRUCTIVE- METALS & ALLOYS	Ferromagnetic Materials	Magnetic Particle Testing (Yoke & Prod) Visible & Fluorescent	ASTM E709



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76	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non Ferrous Metals & its alloys	LPT by Visible & Florescent Technique using solvent removal technique - for Detection of flaws open to surface	ASME SE165
77	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non Ferrous Metals & its alloys	LPT by Visible & Florescent Technique using solvent removal technique - for Detection of flaws open to surface	ASME Sec. V Article 6
78	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non Ferrous Metals & its alloys	LPT by Visible & Florescent Technique using solvent removal technique - for Detection of flaws open to surface	ASMT E165
79	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging , Plates , Castings, Pipes & Tubing	Ultrasonic Testing	ASME Sec. V Article 4 ,5 & 23
80	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Pipes & Tubing	Ultrasonic Testing	ASME SE213
81	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Castings	Ultrasonic Testing	ASME SA609
82	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Castings	Ultrasonic Testing	ASTM A609



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83	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Pipes & Tubing	Ultrasonic Testing	ASME SE273
84	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Pipes & Tubing	Ultrasonic Testing	ASTM E213
85	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys plates	Ultrasonic Testing	ASME SA435
86	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys plates	Ultrasonic Testing	ASME SA578
87	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys plates	Ultrasonic Testing	ASTM A578
88	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging	Ultrasonic Testing	ASME SA388
89	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging	Ultrasonic Testing	ASTM A388
90	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging , Plates , Castings, Pipes & Tubing	Ultrasonic Testing	ASME SE164



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91	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys Welds, Forging , Plates , Castings, Pipes & Tubing	Ultrasonic Testing	ASTM E164
92	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASME SE 155
93	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASME SE 94
94	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASME SE192
95	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASME Sec. V Article 2 & 22
96	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASTM E 155
97	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Nonferrous metals & alloys, Welds, Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASTM E 94
98	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASTM E 446
99	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Castings	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASME SE 446



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100	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Castings by Investment method.	Radiography Testing X-Rays(Kv-250), Gamma Rays (Ir-192)	ASTM E192
101	NON-DESTRUCTIVE-METALS & ALLOYS	Steel plates	Ultrasonic Testing	ASME SA577
102	NON-DESTRUCTIVE-METALS & ALLOYS	Steel plates	Ultrasonic Testing	ASTM A435
103	NON-DESTRUCTIVE-METALS & ALLOYS	Steel plates	Ultrasonic Testing	ASTM A577