National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ARJAS QUALITY ASSURANCE, ARJAS STEEL PRIVATE LIMITED, TADIPATRI MANDAL, TADPATRI, ANANTAPUR, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5268 **Page No** 1 of 3

Validity 16/05/2022 to 15/05/2024 **Last Amended on** 04/08/2022

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- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	ALUMINIUM	IS 8811
2	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	ANTIMONY	ASTM E415
3	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	ARSENIC	ASTM E415
4	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	BORON	JIS G1253
5	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	CALCIUM	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	CARBON	ASTM E1019
7	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	CARBON	IS 8811
8	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	CHROMIUM	ASTM E415
9	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	COBALT	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	COPPER	ASTM E415
11	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	HYDROGEN	IS 228 (Part 22)
12	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	LEAD	JIS G 1253
13	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	MANGANESE	IS 8811
14	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	MOLYBDENUM	ASTM E415
15	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	NICKEL	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	NIOBIUM	JIS G1253
17	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	NITROGEN	ASTM E1019
18	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	NITROGEN	ASTM E415

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19	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	OXYGEN	ASTM E1019
20	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	PHOSPHORUS	IS 8811
21	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	SILICON	JIS G1253
22	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	SULPHUR	JIS G 1253
23	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	SULPHUR	ASTM E1019
24	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	TIN	IS 8811
25	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	TITANIUM	ASTM E415
26	CHEMICAL- METALS & ALLOYS	Ferrous - Carbon and Alloy Steel Product	VANADIUM	JIS G1253
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	% of Elongation	IS 1608 (Part-1)
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	% of Reduction Area	IS 1608 (Part 1)
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	0.2% Proof Stress	IS 1608 (Part 1)
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	Bend Test	IS 1599
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	Brinell Hardness	IS 1500 (Part 1)
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	Charpy V-Notch Impact test at ambient temperature (10 to 35 Deg.C)	IS 1757 (Part 1)
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	Impact - IZOD Test	IS 1598
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	Rockwell Hardness (HRC)	IS 1586 (Part 1)

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35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	Ultimate Tensile Strength	IS 1608 (Part 1)
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous - Carbon and Alloy Steel Product	Yield Stress	IS 1608 (Part 1)
37	MECHANICAL-METALLOGRAPHY TEST	Ferrous - Carbon and Alloy Steel Product	Degree of Banding	ASTM E 1268
38	MECHANICAL-METALLOGRAPHY TEST	Ferrous - Carbon and Alloy Steel Product	Depth of Decarburization (Microscopic method)	IS 6396
39	MECHANICAL-METALLOGRAPHY TEST	Ferrous - Carbon and Alloy Steel Product	Estimation of grain size by Comparison method	IS 4748/ ASTM E112-13
40	MECHANICAL-METALLOGRAPHY TEST	Ferrous - Carbon and Alloy Steel Product	Inclusion Rating	ASTM E45-18a / IS 4163