National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ARCELORMITTAL NIPPON STEEL INDIA LIMITED, PIPE MILL DIVISION, 27 KM HAZIRA, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6075 **Page No** 1 of 11

Validity 11/10/2022 to 10/10/2024 **Last Amended on** 16/11/2022

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
LOCATION 1-PIPE MILL DIVISION, 27 KM HAZIRA, SURAT, GUJARAT, INDIA Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ALUMINIUM	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ALUMINIUM	IS 8811
3	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BORON	AMNSIL/PIPE/QC/30/SOP
4	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CALCIUM	AMNSIL/PIPE/QC/30/SOP
5	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CARBON	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CARBON	IS 8811
7	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CHROMIUM	AMNSIL/PIPE/QC/30/SOP
8	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	COPPER	AMNSIL/PIPE/QC/30/SOP
9	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MANGANESE	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MANGANESE	IS 8811
11	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MOLYBDENUM	AMNSIL/PIPE/QC/30/SOP
12	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	NICKEL	AMNSIL/PIPE/QC/30/SOP
13	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	NIOBIUM	AMNSIL/PIPE/QC/30/SOP
14	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	NITROGEN	AMNSIL/PIPE/QC/30/SOP
15	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PHOSPHORUS	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PHOSPHORUS	IS 8811
17	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SILICON	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SILICON	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name : ARCELORMITTAL NIPPON STEEL INDIA LIMITED, PIPE MILL DIVISION, 27 KM HAZIRA, SURAT, GUJARAT, INDIA

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Validity 11/10/2022 to 10/10/2024 **Last Amended on** 16/11/2022

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
19	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SULPHUR	ASTM E415
20	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SULPHUR	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	TITANIUM	ASTM E415
22	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	TITANIUM	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VANADIUM	ASTM E415
24	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VANADIUM	IS 8811
25	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BEND TEST	ASTM A370
26	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BEND TEST	IS 1599
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CHARPY V NOTCH IMPACT TEST	ASTM A370
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CHARPY V NOTCH IMPACT TEST	IS 1757
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CHARPY V NOTCH IMPACT TEST	ISO 148
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	DROP WEIGHT TEAR TEST	API RPL 5L3
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	DROP WEIGHT TEAR TEST	ASTM E436
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	GUIDED BEND TEST	ASTM A370
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	GUIDED BEND TEST	IS1599

SCOPE OF ACCREDITATION

Laboratory Name : ARCELORMITTAL NIPPON STEEL INDIA LIMITED, PIPE MILL DIVISION, 27 KM HAZIRA, SURAT, GUJARAT, INDIA

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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
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	GUIDED BEND TEST	ISO 5173
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	HYDROGEN INDUCED CRACKING TEST	TM0284
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	LOWER YIELD POINT	IS 1608
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	LOWER YIELD POINT	ISO 6892
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PERCENTAGE ELONGATION	ASTM A370
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PERCENTAGE ELONGATION	IS 1608
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PERCENTAGE ELONGATION	ISO 6892
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SULPHIDE STRESS CORROSION TEST	TM0177
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	THROUGH THICKNESS (REDUCTION IN AREA)	ASTM A 770
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	THROUGH THICKNESS (REDUCTION IN AREA)	DIN EN 10164
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ULTIMATE TENSILE STRENGTH	ASTM A370
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ULTIMATE TENSILE STRENGTH	IS 1608
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ULTIMATE TENSILE STRENGTH	ISO 6892
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	UPPER YIELD POINT	IS 1608

SCOPE OF ACCREDITATION

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Validity 11/10/2022 to 10/10/2024 **Last Amended on** 16/11/2022

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
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	UPPER YIELD POINT	ISO 6892
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VICKER HARDNESS TEST	ASTM E92
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VICKER HARDNESS TEST	IS 1501
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.2%	ASTM A370
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.2%	IS 1608
53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.2%	ISO 6892
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.5%	ASTM A370
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.5%	IS 1608
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.5%	ISO 6892
57	MECHANICAL-METALLOGRAPHY TEST	Carbon Steel & Low Alloy Steel (Plates & Pipe)	GRAIN SIZE MEASUREMENT	ASTM E112
58	MECHANICAL-METALLOGRAPHY TEST	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MACRO EXAMINATION	ASTM E340

SCOPE OF ACCREDITATION

Laboratory Name : ARCELORMITTAL NIPPON STEEL INDIA LIMITED, PIPE MILL DIVISION, 27 KM HAZIRA, SURAT, GUJARAT, INDIA

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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
LOCATION 2 - PLATE MILL DIVISON - 27 KM, HAZIRA SURAT ROAD, SURAT, GUJARAT, INDIA Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ALUMINIUM	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ALUMINIUM	IS 8811
3	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BORON	AMNSIL/PIPE/QC/30/SOP
4	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CALCIUM	AMNSIL/PIPE/QC/30/SOP
5	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CARBON	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CARBON	IS 8811
7	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CHROMIUM	AMNSIL/PIPE/QC/30/SOP
8	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	COPPER	AMNSIL/PIPE/QC/30/SOP
9	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MANGANESE	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MANGANESE	IS 8811
11	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MOLYBADENUM	AMNSIL/PIPE/QC/30/SOP
12	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	NICKEL	AMNSIL/PIPE/QC/30/SOP
13	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	NIOBIUM	AMNSIL/PIPE/QC/30/SOP
14	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	NITROGEN	AMNSIL/PIPE/QC/30/SOP
15	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PHOSPHORUS	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PHOSPORUS	IS 8811
17	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SILICON	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SILICON	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name :	ARCELORMITTAL NIPPON STEEL INDIA LIMITED, PIPE MILL DIVISION, 27 KM HAZIRA, SURAT, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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Validity	11/10/2022 to 10/10/2024	**Last Amended on**	16/11/2022

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
19	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SULPHUR	ASTM E415
20	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SULPHUR	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	TITANIUM	ASTM E415
22	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	TITANIUM	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VANADIUM	ASTM E415
24	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VANADIUM	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ZIRCONIUM	ASTM E415
26	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ZIRCONIUM	IS 8811
27	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BEND TEST	ASTM A370
28	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BEND TEST	ASTM SA20
29	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BEND TEST	IS 1599
30	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BEND TEST	ISO 5173
31	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BRINELL HARDNESS TEST	ASTM E10
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BRINELL HARDNESS TEST	IS 1500
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BRINELL HARDNESS TEST	ISO 6506
34	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CHARPY V NOTCH IMPACT TEST	ASTM A 370

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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
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CHARPY V NOTCH IMPACT TEST	IS 1757
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CHARPY V NOTCH IMPACT TEST	ISO 148
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	DROP WEIGHT TEAR TEST	API RPL 5L3
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	DROP WEIGHT TEAR TEST	ASTM E436
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ELEVATED TEMPERATURE TENSILE TEST (UTS,YS @0.5%, YS @0.2% , % ELONGATION & REDUCTION OF AREA)	ASTM E21
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ELEVATED TEMPERATURE TENSILE TEST (UTS,YS @0.5%, YS @0.2% , % ELONGATION & REDUCTION OF AREA)	ISO 6892
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	LOWER YIELD STRENGTH	IS 1608
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	LOWER YIELD STRENGTH	ISO 6982
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MICRO EXAMINATION	ASTM E112
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PERCENTAGE ELONGATION	ASTM A370
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PERCENTAGE ELONGATION	IS 1608
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PERCENTAGE ELONGATION	ISO 6892
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	THROUGH THICKNESS (REDUCTION OF AREA)	ASTM A770

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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
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	THROUGH THICKNESS (REDUCTION OF AREA)	DIN EN 10164
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ULTIMATE TENSILE STRENGTH	ASTM A370
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ULTIMATE TENSILE STRENGTH	IS 1608
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ULTIMATE TENSILE STRENGTH	ISO 6892
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	UPPER YIELD STRENGTH	IS 1608
53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	UPPER YIELD STRENGTH	ISO 6892
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VICKER HARDNESS	IS 1501
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VICKER HARDNESS	ISO 6507
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VICKER HARDNESS TEST (HV 10)	ASTM E92
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.2%	ASTM A370
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.2%	IS 1608
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.2%	ISO 6892
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.5%	ASTM A370
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.5%	IS 1608

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Laboratory Name :	ARCELORMITTAL NIPPON STEEL INDIA LIMITED, PIPE MILL DIVISION, 27 KM HAZIRA, SURAT, GUJARAT, INDIA		
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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
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	YIELD STRENGTH @ 0.5%	ISO 6892

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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
LOCATION 3 - STEEL MELTING PLANT-2, 27 KM HAZIRA, SURAT, GUJARAT, INDIA Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ALUMINIUM	ASTM E415
2	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ALUMINIUM	IS 8811
3	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	BORON	AMNSIL/PIPE/QC/30/SOP
4	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CALCIUM	AMNSIL/PIPE/QC/30/SOP
5	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CARBON	ASTM E415
6	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CARBON	IS 8811
7	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	CHROMIUM	AMNSIL/PIPE/QC/30/SOP
8	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	COPPER	AMNSIL/PIPE/QC/30/SOP
9	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MANGANESE	ASTM E415
10	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MANGANESE	IS 8811
11	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	MOLYBDENUM	AMNSIL/PIPE/QC/30/SOP
12	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	NICKEL	AMNSIL/PIPE/QC/30/SOP
13	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	NIOBIUM	AMNSIL/PIPE/QC/30/SOP
14	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	NITROGEN	AMNSIL/PIPE/QC/30/SOP
15	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PHOSPHORUS	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	PHOSPHORUS	IS 8811
17	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SILICON	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SILICON	IS 8811

SCOPE OF ACCREDITATION

Laboratory Name :	ARCELORMITTAL NIPPON STEEL INDIA LIMITED, PIPE MILL DIVISION, 27 KM HAZIRA, SURAT, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6075	**Page No**	11 of 11
Validity	11/10/2022 to 10/10/2024	**Last Amended on**	16/11/2022

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
19	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SULPHUR	ASTM E415
20	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	SULPHUR	IS 8811
21	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	TITANIUM	ASTM E415
22	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	TITANIUM	IS 8811
23	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VANADIUM	ASTM E415
24	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	VANADIUM	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ZIRCONIUM	ASTM E415
26	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel (Plates & Pipe)	ZIRCONIUM	IS 8811