



MILL TEST CERTIFICATE
(INSPECTION CERTIFICATE)
In Accordance with EN 10204 :2004 Type 3.1



Jindal Stainless Limited.
Jajpur, Odisha

CM/L-5200039687

CUSTOMER : SPARSH IMPEX
CITY : MUMBAI
P.O.NO. : SPARSH IMPEX/16TH AUGUST 2023
CUSTOMER SPECIFICATION : As per OA/PO agreement
PO DATE: 16.08.2023

CERTIFICATE NO. : JSL-JRD/QA/2023-24/DOM/01656768
DATE : 10.11.2023
VEHICLE NO. : MH46BU5955
SALES ORDER NO. : 0558079080
SHIPMENT/DELIVERY NO. : 6300115649 NET WT(MT) : 2.445

| Material Description/Product | Grade / Type | Material Specifications | Process-Route |
|------------------------------|--------------|--|----------------|
| STAINLESS STEEL | 430 | ASTM A240/A240M-23, ASME SA-240/SA-240M 2023 SEC. II, PART A, IS 5522:2014 | EF-AOD-LRF-CCS |

| PHYSICAL DESCRIPTION | | | | | | | | | | | | |
|----------------------|------------|--------------------------------|-------------------|----------------|---------------|----------|-------------|---------------|----------------|--------|-----------|---------|
| Sr No. | BATCH NO. | PARENT COIL NO. / PLATE NO. | PKT/PALLET NO. | WEIGHT (MT) | NO. OF PCS | HEAT NO. | THK (mm) | WIDTH (mm) | LENGTH (mm) | FINISH | EDGE | QUALITY |
| 1 | HX03700401 | 0000954200 | | | | 12303146 | 1.500 | 1,250.00 | COIL | 2B | Mill Edge | PRIME |

| CHEMICAL ANALYSIS (LADLE) | | | | | | | | | | | | | |
|---------------------------|-------|------|-------|-------|------|------|-------|----|-----|-----|-----|-----|-----|
| HEAT NO. | %C | %Mn | %S | %P | %Si | %Ni | %Cr | %N | %Mo | %Cu | %Ti | %Nb | %Al |
| 12303146 | 0.055 | 0.46 | 0.002 | 0.034 | 0.37 | 0.22 | 16.24 | | | | | | |

| MECHANICAL PROPERTIES: SAMPLE DIRECTION - TRANSVERSE | | | | | | | | | |
|--|---------------|------------|-----------|---------------|---------------|-------------------|----------------|----------------|--|
| Sr. No. | Rp 0.2/YS Mpa | Rp 1.0 Mpa | Rm/TS Mpa | %EL GI= 50 mm | %EL GI= 80 mm | %EL GI= 565/80 mm | Hardness HIRBW | Bend Test 180° | |
| 1 | 324 | - | 504 | 25 | | | 79 / 80 | 1TOK | |

Accepted
[Signature]

ADDITIONAL INFORMATION

- 1) MATERIAL HAS BEEN HEAT TREATED IN ORDER TO ACHIEVE DESIRED MECHANICAL PROPERTIES.
- 2) THE ABOVE MATERIAL ALSO CONFIRM TO IS 5522:2014 GRADE 430.
- 3) MATERIALS CONFIRM TO THE REQUIREMENTS AS PER ASTM A480/A480M-23 & ASME SA-480/SA-480M SEC. II PART A-2023.

THE ABOVE MATERIAL FULLY CONFORMS TO IS 5522:2014 CHEMICAL & MECHANICAL PROPERTIES OF PRODUCT AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING & INSPECTION CONTAINED IN BIS CERTIFICATION.

ROLLED FINISHES : (BL, ANN, NI, 1D, CHQ) & COLD ROLLED FINISHES: (2E, 2D, 2B, BA, NO.4, HL)
PLATE:- MATERIAL 5.00 MM AND OVER IN THICKNESS AND OVER 250 MM IN WIDTH (AS PER ASTM/ASME STANDARD) & THICKNESS 3 MM OR OVER (AS PER DIN STANDARD)
SHEET:- MATERIAL UNDER 5.00 MM IN THICKNESS AND 600 MM AND OVER IN WIDTH (AS PER ASTM/ASME STANDARD) & THICKNESS LESS THAN 3 MM (AS PER DIN STANDARD)
COIL:- IN "PHYSICAL DESCRIPTION"- LENGTH MENTIONED AS "COIL".

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This is hereby certified that the material was manufactured, sampled, tested & inspected in accordance with requirements of the material specification and has been found to meet the requirements of order. The material supplied under this Test Certificate is free from any radioactive contamination as checked by procedures established by Jindal Stainless Limited as per the recommendations provided by AURB.

ISO 9001 : 2015
ISO 14001 : 2015
ISO 45001 : 2018
ISO 50001 : 2018
IATF 16949 : 2016
CERTIFIED COMPANY
Form Ref: JSLOT QA-CRM 32 Rev.01
EIT Date: 24.09.2021

