# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** GALLANTT METAL LTD. - KUTCH, SURVEY NO. 175/1, VILLAGE-SAMAKHIYALI, BHACHAU, KACHCHH, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-9419 **Page No** 1 of 2

**Validity** 13/04/2021 to 12/04/2023 **Last Amended on** -

| 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 | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Aluminum | ASTM-E 415 |
| 2 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Carbon | ASTM-E 415 |
| 3 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Carbon Equivalent | IS 2830:2012 & IS 1786 |
| 4 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Chromium | ASTM-E 415 |
| 5 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Cobalt | ASTM-E415 |
| 6 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Copper | ASTM-E 415 |
| 7 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Manganese | ASTM-E 415 |
| 8 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Molybdenum | ASTM-E 415 |
| 9 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Nickel | ASTM-E 415 |
| 10 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Phosphrous | ASTM-E 415 |
| 11 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Silicon | ASTM-E 415 |
| 12 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Sulphur | ASTM-E 415 |
| 13 | CHEMICAL- METALS & ALLOYS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Vanadium | ASTM-E 415 |

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| 14 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CARBON STEEL CAST BILLET INGOTS, BILLETS, BLOOMS AND SLABS FOR RE-ROLLING INTO STEEL FOR GENERAL STRUCTURAL PURPOSES | Billet Physical Test | IS 2830 |
| 15 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | % Elongation | IS 1608 (Part 1):2018 & IS 1786 : RA 2019 |
| 16 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | 0.2% Proof Stress | IS 1608 (Part 1):2018 & IS1786 |
| 17 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | Bend Test | IS 1599:2012 & IS 1786 |
| 18 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | Martensite Ring Area Percentage | IS 1786 |
| 19 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | Mean Projected Area (Rib Area) | IS 1786: 2019 |
| 20 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | Nominal Mass | IS 1786 |
| 21 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | Re bend Test | IS 1786 RA 2019 |
| 22 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | Tensile Strength | IS 1608 (Part 1):2018 & IS1786 |
| 23 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | Total Elongation at Maximum Force | IS 1786: 2019 & IS 1608 (Part 1) |
| 24 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | High strength deformed bars & wires for concrete reinforcement (HSD (TMT) Bars) | Yield Strength | IS 1608 (Part 1) |