

# STEEL MARKET

(Formerly known as Edalat Steel)

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## TEST CERTIFICATE

**INSPECTION CERTIFICATE ACCORDING TO EN 10204 / 3.1**

| PRODUCT INFORMATION      |                           |                          |                                       |                      |          |       |                   |                                   |       |       |         |  |  |
|--------------------------|---------------------------|--------------------------|---------------------------------------|----------------------|----------|-------|-------------------|-----------------------------------|-------|-------|---------|--|--|
| PRODUCT                  |                           | GRADE                    |                                       |                      | HEAT NO. |       |                   | DIAMETER / TOL. (mm)              |       |       |         |  |  |
| Stainless Steel Mig Wire |                           | ER 308L                  |                                       |                      | S8115    |       |                   | 0.80 mm ( - 0.030 mm / + 0.00 mm) |       |       |         |  |  |
| SURFACE FINISH           | P.O.NO. / W.O. NO.        | INVOICE NO. / DATE       | TC NO. / DATE                         | QUANTITY             |          |       |                   |                                   |       |       |         |  |  |
|                          |                           |                          |                                       | NO. OF TUBES / BOXES |          |       | WEIGHT ( Kg. )    |                                   |       |       |         |  |  |
| BRIGHT                   | BE22Y-00514 / WE22Y-00495 | EX23Y-00357 / 29/08/2023 | 22Y0672 Z / 29/08/2023                | -                    |          |       | -                 |                                   |       |       |         |  |  |
| CHEMICAL COMPOSITION (%) |                           |                          |                                       |                      |          |       |                   |                                   |       |       |         |  |  |
| ELEMENTS                 |                           | C                        | Mn                                    | Si                   | S        | P     | Ni                | Cr                                | Mo    | Cu    | N (ppm) |  |  |
| SPECIFIED                | MIN.                      | ---                      | 1.00                                  | 0.30                 | ---      | ---   | 9.00              | 19.50                             |       | ---   | ---     |  |  |
|                          | MAX.                      | 0.030                    | 2.50                                  | 0.65                 | 0.030    | 0.030 | 11.00             | 22.00                             | 0.750 | 0.750 | ---     |  |  |
| RESULTS                  |                           | 0.024                    | 1.77                                  | 0.37                 | 0.012    | 0.025 | 9.11              | 19.70                             | 0.030 | 0.040 | 630     |  |  |
| MECHANICAL PROPERTIES    |                           |                          |                                       |                      |          |       |                   |                                   |       |       |         |  |  |
| TEST                     |                           | DIAMETER (mm)            | TENSILE STRENGTH (N/mm <sup>2</sup> ) | ELONGATION (%)       |          | CAST  | SURFACE CONDITION |                                   |       |       |         |  |  |
| SPECIFIED                | MIN.                      | 0.770                    | 1400                                  | ---                  |          | ----  | BRIGHT FINISH     |                                   |       |       |         |  |  |
|                          | MAX.                      | 0.800                    | 1700                                  | ---                  |          |       |                   |                                   |       |       |         |  |  |
| RESULTS                  | IDENTIFICATION            |                          |                                       |                      |          |       |                   |                                   |       |       |         |  |  |
|                          | BOX No.05                 | 0.775                    | 1681                                  | ----                 |          | ----  | BRIGHT FINISH     |                                   |       |       |         |  |  |
|                          | BOX No.09                 | 0.778                    | 1667                                  | ----                 |          | ----  | BRIGHT FINISH     |                                   |       |       |         |  |  |

### REMARKS: -

- MATERIAL IS FREE FROM MERCURY CONTAMINATION
- MATERIAL CONFORMS TO ASME SECTION-II PART-"C" EDITION 2019 SFA 5.9/SFA 5.9M AND AWS CLASSIFICATION ER 308L

We Hereby Certify That The Material Describe Herein Has Been Manufactured And Tested With Satisfactory Results in Accordance With The Requirements. Mechanical Test Results Are Taken Randomly From The Lot.  
All The Material Has Been Tested And Found To be Free From Radioactive Contaminations.

(WORKS INSPECTOR)