



WELDING & TESTING LAB

Duly approved by the Govt. of India, NABL as per ISO /IEC 17025: 2017 for mechanical Test of Weld & Parent-Metals

A DIVISION OF 'INSTITUTE OF WELDING & TESTING TECHNOLOGY'
DIN EN ISO 9001:2015 CERTIFIED INSTITUTE

An organization for Welding-Consultancy, Training, Inspection & Testing-Services



303/304/305, New Laxmi Industrial Estate Premises Co-operative Society Ltd., Penkar Pada Road, off W. E. Highway,
Near Dahisar Cheknaka, Mira Road (East), Village - Mahajanwadi, MBMC, Thane District - 401 107, INDIA.

Tel.: 022 2089 7969 • Mobile:+91 98922 63850 • E-mail: satish.sawant53@gmail.com • Website: www.weldingtesting.org

TEST REPORT

| | |
|---|--|
| MANUFACTURE: - M/s. VIJAY ENGINEERING WORK B - 28 , FOCAL POINT EXTENSION, JALANDHAR, PUNJAB - 144004 | T.R.NO : - TC6544220000000119F DATE OF TESTING :- 21.12.2022 DATE OF COMPLETION : - 21.12.2022 |
| WPQR NO. : - VEW WPQR BW 6G SI 2022 05 | Ref : E-mail or Verbal: - Verbal,- Date: - 14.12.2022 |
| SIZE: - Ø 25.0 thick. 1.6 mm Round Pipe | PARENT METAL: - IS 2062 |
| PURPOSE OF EXAMINATION: - WPS & PQR | CONSUMABLE: - AWS / A 5.18 ER 70 S - 6 |
| TEST SPECIMEN: - T1 / T2, FB1 / FB2, RB1 / RB2 | TEST REPORT IN ACCORDANCE WITH: - ASME SECTION IX |
| WELDER NAME : - MOHIT | WELDING POSITION: - 6G |
| PUNCH ON JOB: - SAMPLE NO. - 13 | TYPE OF JOINT: - SQ. BUTT JOINT |
| SAMPLE DRAWN BY: - CUSTOMER | PERSON AUTHORISING THE REPORT :- SATISH SAWANT |
| TESTING : - TENSILE & BEND | PAGE NO. : - 01 of 01 |

TRANSVERSE TENSILE TEST: As per ASME Section IX

| SR. NO. | PARAMETER / DESCRIPTION | ACTUAL VALUE T1 | ACTUAL VALUE T2 |
|---------|-------------------------|-----------------|-----------------|
| 1 | Thickness (mm) | 1.6 | 1.6 |
| 2 | Width (mm) | 19.0 | 19.0 |
| 3 | Area (mm ²) | 30.4 | 30.4 |
| 4 | Ultimate Load (MPa) | 12520 | 12410 |
| 5 | U.T.S (MPa) | 411.84 | 408.22 |
| 6 | Fracture Location | ON PM | ON PM |

TRANSVERSE BEND TEST: As per ASME Section IX

| BEND TEST | FB - 1 | FB - 2 | RB - 1 | RB - 2 |
|------------|----------|----------|----------|----------|
| FORMER Ø | 4t-Bend | 4t-Bend | 4t-Bend | 4t-Bend |
| BEND ANGLE | 180° | 180° | 180° | 180° |
| REMARK | No Crack | No Crack | No Crack | No Crack |


TESTED BY


FOR WELDING & TESTING LAB
AUTHORISED SIGNATORY

..... End of Report