



# 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 : - TC6544220000000111F DATE OF TESTING :- 21.12.2022 DATE OF COMPLETION : - 21.12.2022
WPQR NO. : - VEW WPQR BW 6G SI 2022 04	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 : - BIMAL	WELDING POSITION: - 6G
PUNCH ON JOB: - SAMPLE NO. - 5	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 <sup>2</sup> )	30.4	30.4
4	Ultimate Load (MPa)	11964	11872
5	U.T.S (MPa)	393.55	390.52
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 .....