



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



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TEST REPORT

MANUFACTURE: - M/s. VIJAY ENGINEERING WORK B - 28 , FOCAL POINT EXTENSION, JALANDHAR, PUNJAB - 144004	T.R.NO : - TC6544220000000108F DATE OF TESTING :- 21.12.2022 DATE OF COMPLETION : - 21.12.2022
WPQR NO. : - VEW WPQR BW 6G SI 2022 02	Ref : E-mail or Verbal: - Verbal,- Date: - 14.12.2022
SIZE: - Ø 13.0 thick. 1.2 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 : - UMESH KUMAR	WELDING POSITION: - 6G
PUNCH ON JOB: - SAMPLE NO. - 2	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)	1.2	1.2
2	Width (mm)	13.0	13.0
3	Area (mm ²)	15.6	15.6
4	Ultimate Load (MPa)	5285	5187
5	U.T.S (MPa)	338.78	332.5
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