



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 : - TC6544220000000109F 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: - WELDER QUALIFICATION	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 : - VIJAY YADAV	WELDING POSITION: - 6G
PUNCH ON JOB: - SAMPLE NO. - 3	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)	5292	5329
5	U.T.S (MPa)	339.23	341.60
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

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