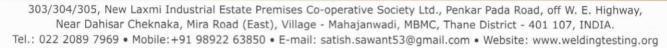


WELDING & TESTING LAB

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





TEST REPORT

MANUFACTURE: - M/s. VIJAY ENGINEERING WORK	T.R.NO : - TC654422000000118F
B - 28 , FOCAL POINT EXTENSION,	DATE OF TESTING :- 22.12.2022
JALANDHAR, PUNJAB - 144004	DATE OF COMPLETION: - 22.12.2022
WPQR NO.: - VEW ISO 15614 – 1 135 P FW 1.3 t 20.0 PB sl 2022 07	Ref : E-mail or Verbal: - Verbal,- Date: - 14.12.2022
SIZE: - 20.0 to 20.0 mm Plate	PARENT METAL: - IS 2062
PURPOSE OF EXAMINATION: - WELDER QUALIFICATION	CONSUMABLE: - AWS / A 5.18 ER 70 S - 6
TEST SPECIMEN: - M1 / M2	TEST REPORT IN ACCORDANCE WITH: - EN ISO 17639
WELDER NAME : - SANOJ KUMAR	WELDING POSITION: - PB
PUNCH ON JOB: - SAMPLE NO 12	TYPE OF JOINT: - T JOINT
MACROSCOPIC ETCHANT:- Nitric Acid & Water (25:75) %	POST-WELD HEAT TREATMENT AND OR AGEING TREATMENT:- NA
SAMPLE DRAWN BY: - CUSTOMER	PERSON AUTHORISING THE REPORT :- SATISH SAWANT
TESTING: - MACRO	PAGE NO.: - 01 of 01

MACRO TEST: As per EN ISO 17639:2022

SR.NO.	IMPERFECTIONS	IN ACCORDANCE WITH ISO 6520 - 1 QUALITY LEVEL- B [ISO 5817-2014]	MACRO EXAMINATION WITHOUT ETCHING	MACRO EXAMINATION WITH ETCHING	
1	CRACKS	CRACKS 100		NOT FOUND	
2	CRATER CRACKS	104	-	NOT FOUND	
3	SURFACE PORE	2017	-	NOT FOUND	
4	EXCESS WELD METAL	502 & 503 BW/FW		NOT FOUND	
5	INCLUSIONS	300/301/302 & 303	- /	NOT FOUND	
6	LACK OF FUSION	401/4011/4012 & 4013	-01	NOT FOUND	
7	LACK OF PENETRATION	402	() () () () () () () () () ()	NOT FOUND	
8	UNDERCUT	5011 & 5012		NOT FOUND	
9	EXCESS PENETRATION	504	- 7	NOT FOUND	
10	POROSITY	2011/12/13 & 14		MOTFOUND	



FOR WELDING & TESTING LAB AUTHORISED SIGNATORY

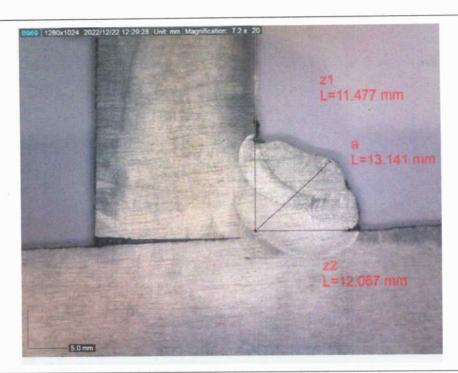
 End	of	Report	
 LIIU	OI.	Kehoir	**********



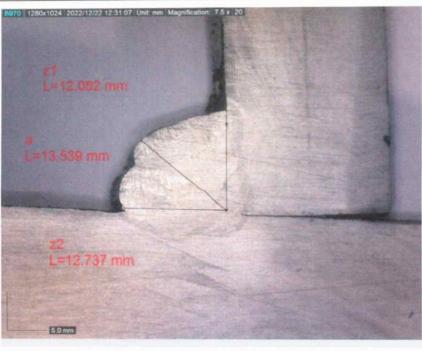
WPQR NO. :- VEW ISO 15614 - 1 135 P FW 1.3 t 20.0 PB si 2022 07	T.R.NO :- TC654422000000118F DATE OF TESTING :- 22.12.2022
SIZE: - 20.0 to 20.0 mm Plate	PARENT METAL:- IS 2062
WELDER NAME :- SANOJ KUMAR	CONSUMABLE:- AWS / A 5.18 ER 70 S - 6

MACRO PHOTOS

M1



M2



GEOMETRICAL DISCRIPTION

,0550	MACRO TEST	z1	z2	а	Р
	M1	11.4	12.0	13.1	ROOT FUSION
1001/0	M2	12.0	12.7	13.5	ROOT FUSION

z1 & z2 = Leg Length	a = Throat	p = Penetration