



VISHAL ENTERPRISE & VRISHAL ENGINEERING PRIVATE LIMITED
GROUP OF COMPANIES

ULTRASONIC TEST REPORT (STRUCTURAL)

JOB DETAILS

CLIENT	SURAJ ROSHNI	REPORT NO.	VE/SURYA-25/STR/UT/4
PROJECT	SURYA-25	REPORT DATE	02/04/2025
W.O. NO./CONTRACT NO	898989890000	TEST DATE	02/04/2025
PROCEDURE NO.	VEPL/DCM/ITP/001	ACCEPTANCE STANDARD	AWS D1.1

TEST DETAILS

SURFACE CONDITION	AS WELDED	EXTENT OF EXAMINATION	10%
EXAMINATION STAGE	FINAL	EXAMINATION SURFACE	SMOOTH
TECHNIQUE	PULSE ECHO (CONTACT + MANUAL)	BASIC CAL. BLOCK	V2 BLOCK
EQUIPMENT MODEL & MAKE	SITESCAN 140	REFERENCE BLOCK ID	V1 BLOCK
EQUIPMENT NO	NDT-UT-VE-01	SCANNING SENSITIVITY LEVEL	REF. + 14dB
COUPLANT	WATER	REF. SENSITIVITY LEVEL	60% FSH FROM 0.059 INCH SDH OF V1 BLOCK

CALIBRATION DETAILS

SEARCH UNIT SR. NO.	2239 (70 DEGREE) & 28074 (0 DEGREE)	TEST RANGE	0 - 4 inch
MODEL	MBW70N4 & MMEB4H	REF DB	57
WAVE MODE	TRANSVERSE & LONGITUDINAL	TRANS. CORR.	YES
FREQ	4 MHz	REFERANGLE	70 DEGREE

RESULT SUMMARY

SR No.	GRID NUMBER	GRID QTY	DRAWING NO.	REV	ASSEMBLY NUMBER	PROFILE	TYPE OF WELD	WELDING PROCESS	WELDER NO.	THICKNESS (mm)	DISC. TYPE	TEST RESULT (ACC/REJ)	REMARKS
1	FR7-1	1	TCE-13282A-CV-2026-ST-30306-ASS-FR7	0	FR7	ISMB200	CJP,BUTT	SMAW	S-AB13	12 MM	CRACK	REJ	--
2	FR7-1	1	TCE-13282A-CV-2026-ST-30306-ASS-FR7	0	FR7	ISMB200	CJP,BUTT	SMAW	S-AB13	10 MM	NRI	ACC	--
3	FR7-2	1	TCE-13282A-CV-2026-ST-30306-ASS-FR7	0	FR7	ISMB200	CJP,BUTT	SMAW	S-AB13	12 MM	NRI	ACC	--
4	FR7-2	1	TCE-13282A-CV-2026-ST-30306-ASS-FR7	0	FR7	ISMB200	CJP,BUTT	SMAW	S-AB13	10 MM	NRI	ACC	--
5	FR7-3	1	TCE-13282A-CV-2026-ST-30306-ASS-FR7	0	FR7	ISMB200	CJP,BUTT	SMAW	S-AB13	12 MM	NRI	ACC	--
6	FR7-3	1	TCE-13282A-CV-2026-ST-30306-ASS-FR7	0	FR7	ISMB200	CJP,BUTT	SMAW	S-AB13	10 MM	NRI	ACC	--

NOTE

	EXAMINED BY (LEVEL II / III)	VE APPROVED BY (LEVEL II / III)	WITNESSED / APPROVED / REVIEWED BY (CLIENT / TPIA)
SIGNATURE			
NAME		--	
DATE		02/04/2025	

VE-DOC-13 REV.00