



# 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