



**VISHAL ENTERPRISE & VRISHAL ENGINEERING PRIVATE LIMITED  
GROUP OF COMPANIES**

**ULTRASONIC TEST REPORT (STRUCTURAL)**

**JOB DETAILS**

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

**TEST DETAILS**

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

**CALIBRATION DETAILS**

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

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

VE-DOC-13 REV.00