



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

**MAGNETIC PARTICLE TEST REPORT**

**JOB DETAILS**

|                      |              |             |                       |
|----------------------|--------------|-------------|-----------------------|
| CLIENT               | SURAJ ROSHNI | REPORT NO.  | VE/SURYA-25/STR/MPT/3 |
| PROJECT              | SURYA-25     | REPORT DATE | 21/03/2025            |
| W.O. NO./CONTRACT NO | 898989890000 | TEST DATE   | 21/03/2025            |
| ACCEPTANCE STANDARD  | AWS D1.1     |             |                       |

**TEST DETAILS**

|                     |   |                       |              |
|---------------------|---|-----------------------|--------------|
| Surface Condition   | AS WELDED   | Extent of examination | 10%          |
| Examination Stage   | FINAL   | Post Cleaning         | YES          |
| Technique           | CONTINUOUS, VISIBLE ELECTROMAGNETIC YOKE                            | Magnetization         | LONGITUDINAL |
| Lighting Equipment  | 100W INCANDESCENT LAMP AT 12 INCH DISTANCE FROM EXAMINATION SURFACE | Medium                | WET          |
| Lighting Intensity  | MIN. 1076 LUX   | Yoke Spacing          | 3 TO 8 INCH  |
| Particle            | MAGNAFLUX7C BLACK   | Yoke Sr. No.          | NDT-MT-VE-01 |
| Yoke Make and Model | MAGNAFLUX &   | Particle Batch No.    | JU8911       |
| Contrast            | WHITE   | Contrast Batch No.    | KI9011       |

**RESULT SUMMARY**

| SR No. | DRAWING NO.                        | ASSEMBLY NUMBER | GRID NUMBER | GRID QTY | PROFILE | TYPE OF WELD | WELDING PROCESS | WELDER NO. | THICKNESS (mm) | OBSERVATION | TEST RESULT (ACC/REJ) | REMARKS |
|--------|------------------------------------|-----------------|-------------|----------|---------|--------------|-----------------|------------|----------------|-------------|-----------------------|---------|
| 1      | TCE-13282A-CV-2026-ST-30306-ASS-B2 | B2              | B2-2        | 20       | ISMC75  | PJP          | FCAW            | W-105      | 6 MM           | NRI         | ACC                   | --      |

|           |                            |  |  |  |  |                                 |  |  |  |  |  |
|-----------|----------------------------|--|--|--|--|---------------------------------|--|--|--|--|--|
| NOTE      |                            |  |  |  |  |                                 |  |  |  |  |  |
|           | EXAMINED BY (LEVEL I / II) |  |  |  |  | VE APPROVED BY (LEVEL II / III) |  | WITNESSED / REVIEWED / APPROVED BY (CLIENT / TPIA) |  |  |  |
| SIGNATURE |                            |  |  |  |  |                                 |  |  |  |  |  |
| NAME      |                            |  |  |  |  | SHIVANG DIWAKAR                 |  |  |  |  |  |
| DATE      |                            |  |  |  |  | 21/03/2025                      |  |  |  |  |  |

VE-QA-FORMAT-29