



VISHAL ENTERPRISE & VRISHAL ENGINEERING PRIVATE LIMITED

GROUP OF COMPANIES



LIQUID PENETRANT TEST REPORT

JOB DETAILS

| | | | |
|----------------------|---------------------------------|-----------------|--------------------------|
| CLIENT | Linde Engineering India Limited | REPORT NO. | VE/Panipat_HGU/STR/LPT/1 |
| PROJECT | Panipat_HGU | REPORT DATE | 12/3/2024 |
| W.O. NO./CONTRACT NO | 2910A70M | TEST DATE | 12/3/2024 |
| PROCEDURE NO. | VE/LINDE/HGU/QSI-013 | ACCEPTANCE CODE | AWS D1.1 |

TEST DETAILS

| Surface Condition | AS WELDED | Surface Temp. | AMBIENT |
|-------------------------------|--------------|--------------------|-------------------|
| Examination Stage | FINAL WELDED | Technique | VISIBLE DYE |
| Lighting Equipment | 1076 LUX | Lighting Intensity | NATURAL, HANDLAMP |
| Extent of Examination % | 10% | | |
| TYPE | MAKE | BATCH NO. | VALIDITY |
| Penetrant : Solvent Removable | P-MET | PG 10 33774 | JAN-25 |
| Cleaner : Solvent Removable | P-MET | PH 03 49852 | DEC-25 |
| Developer : Solvent Removable | P-MET | PG 23 54268 | APR-25 |

RESULT SUMMARY

| SR No. | DRAWING NO. | ASSEMBLY NUMBER | GRID NUMBER | PROFILE | TYPE OF WELD | WELDING PROCESS | WELDER NO. | THICKNESS (mm) | OBSERVATION | TEST RESULT (ACC/REJ) | REMARKS |
|----------------|--------------------------------------|-----------------|-------------|-----------------|------------------------|-----------------|------------|-----------------------------|-----------------------------------|-----------------------|---------|
| 1 | &VHS-(124SX-SS1)-N-ZP 2012.BE18 (EN) | 124SX-S1-BE18 | A-B/2 | UC254X254X73 | -- | FCAW | W-78 | T/B : 16.5 mm , W : 12.5 mm | NSD | ACC | -- |
| 2 | &VHS-(124SX-SS1)-N-ZP 2012.BE18 (EN) | 124SX-S1-BE18 | A-B/2 | PLATE 12 MM | -- | FCAW | W-78 | 12 mm | NSD | ACC | -- |
| 3 | &VHS-(124SX-SS1)-N-ZP 2012.BE18 (EN) | 124SX-S1-BE18 | A-B/2 | PLATE 8 MM | -- | FCAW | W-78 | 8 mm | U/C | ACC | -- |
| REMARKS | | | | | | | | | | | |
| | EXAMINED BY (LEVEL I / II) | | | | VE-QC (LEVEL II / III) | | | | WITNESSED/ APPROVED / REVIEWED BY | | |
| | | | | | | | | | CLIENT-QC / TPI | | |
| SIGNATURE | | | | | | | | | | | |
| NAME | | | | SHIVANG DIWAKAR | | | | | | | |
| DATE | | | | 12/3/2024 | | | | | | | |
| VE-STR-13 | | | | | | | | | | | |