

Liquid Penetrant Examination Report

| Procedure: WI 10-26 (Revision 10/20/04) Liquid Penetrant Type: Visible Penetrant Type: Magnaflux SKL-WP or SKL-HF/SKL-6 | | Developer Type: Magnaflux SKD-S2 Cleaner: Spot Check: SKC-5 All Personnel Certified to ASME and SNT-TC-1A Level II | | Lighting: General lighting assisted by portable lighting, 100 F1C minimum | | | |
|--|--|--|--------------------|---|-----------|----------|---------|
| <p style="text-align: center;">Use the following abbreviations for Material Thickness of items tested:</p> <p>Mat'l Thickness: HB) Header Body EP) End Piece(s) N) Nozzle D) Disk(s) PP) Perforated Plate SPP) Splitter Plate MS) Mercury Strips B) Boss C) Collar G) Gusset(s) IN) Injection Nozzle TJ) Transition Joint E) Aluminum Elbow ST) Steel Elbow P) Aluminum Pipe SP) Steel Pipe SG) Sparge Pipe EH) Elliptical Head</p> <p style="text-align: center;">Use the following abbreviations for Mapped Indications of items tested:</p> <p><i>If more than one indication of the same type is on the same weld joint use the following abbreviation: (#) (Where # is the number of indications)</i></p> <p>Material/Joint Description: 1) End Piece/Header Body Welds 2) Nozzle/Header Body Welds 3) Header Body Seam Welds 4) Nozzle Seam Welds 5) Disk/Nozzle Weld 6) Aluminum Pipe Seam/Joint 7) Steel Pipe Seam/Joint 8) Aluminum Elbow Seam/Joint 9) Steel Elbow Seam/Joint 10) Transition Joint 11) Mercury Strip/Header Welds 12) Perforated Plate/Header Welds 13) Sparge Pipe Welds 14) Splitter Plate Mat'l 15) Header Body Mat'l 16) Nozzle Mat'l 17) Mitered End Piece Mat'l 18) Disk Mat'l 19) Elliptical Head/Nozzle 20) Branch Conn. 21) Collar Weld</p> <p>Indication: 0) None 1) Rounded 2) Linear Extent: Enter Size of Indication (Diameter or Length) Relavent Indications: N) Non-rejectable R) Rejectable</p> <p style="text-align: center;">Use the following abbreviations for accepting/rejecting of item tested</p> <p>Results: A) Accepted R) Rejected AR) Accepted after Repair(s)</p> | | | | | | | |
| | | Sales Order # | | 509.4-5 | | | |
| Item # (s) | Description of Weld Joint or Material LPT Examined | Material & Thickness | Map of Indications | Test Date | Test Time | Examiner | Results |
| 8002 | A-IN | (HB.250)(EP.625)(N.216) | 0 | 4/7/2005 | 1330 | P7 | A |
| 8003 | A-OUT | (HB.250)(EP.625)(N.237) | 0 | 4/7/2005 | 1230 | P7 | A |
| 8004 | B-IN | (HB.250)(EP.375)(N.216) | 0 | 4/7/2005 | 1230 | P7 | A |
| 8005 | B-OUT | (HB.250)(EP.375)(N.154) | 0 | 4/7/2005 | 1230 | P7 | A |

LIQUID PENETRANT EXAMINATION REPORT

Procedure: WI 10-26 (Revision 10/20/04)

Liquid Penetrant Type: Visible

Penetrant Type: Magnaflux SKL-WP or SKL-HF/SKL-6

Developer Type: Magnaflux SKD-S2

Cleaner: Spot Check: SKC-5

All Personnel Certified to ASME and SNT-TC-1A Level II

Lighting: General lighting assisted by portable lighting, 100 FTC minimum

[illegible]