

CERTIFICATION OF VISUAL THOROUGH EXAMINATION & DYE PENETRANT INSPECTION

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|--|---|--------------------|---|--|--------------------|----------|
| Customer: | Halliburton Sperry drilling | | Date Of Service : | Saturday, August 16, 2025 | | |
| Work Location: | Burgesia Halliburton Base Basra - IRAQ | | Report No: | QC-25-HAL-SP-BJS-DPI-NDT-BULID-050 | | |
| Acceptance Creater : | DS-1 Volume 4- 5th Edition | | Work Order.: | 328226806 | | |
| HAL DOCUMENTS .: | D01860184 Rev N (Visual Procedure D00305796 Revision Z) (LPI Procedure D00976849 Revision F) | | 8" STEERING HEAD : | 14154658 | | |
| TYPE OF INSPECTION | VISUAL , THOROUGH EXAMINATION & DYE PENETRANT INSPECTION (DPI) | | | | | |
| DESCRIPTION: | 8" PAD PDC | | | | | |
| STEERING HEAD PARTICLES IMAGES | | | | | | |
| TECHNICAL DETAILS | | | | | | |
| TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE | | | | | | |
| PENETRANT DWELL TIME: | 30 minutes | | DEVELOPER DWELL TIME: | 15 minutes | | |
| Test Part Temperature: | 107 °F | | WHITE LIGHT INTENSITY: | 3620 LUX | | |
| Test Equipment & Consumable Details | | | | | | |
| COMPARATOR BLOCK | SR#11223 CAL.Date 09.APT.2025 Cal Due 08.OCT.2025 | | Digital Lux Meter | SR#2722003 CAL.Date 09.APT.2025 Cal Due 08.OCT.2025 | | |
| INFRARED THERMOMETER | SR#201704125 CAL.Date 09.APT.2025 Cal Due 08.OCT.2025 | | PRESSURE GAUGE WATER PRESSURE | SR# SSR25 Cal Due 07.OCT.2025 | | |
| Red Penetrant Manufacture: | Magnaflux | | Batch No: 230606 | EXPIRE DATE :FEB,2026 | | |
| Developer Manufacture: | Magnaflux | | Batch No: 230608 | EXPIRE DATE :June,2026 | | |
| Serial Number | 14131973 | STEERING PAD | PAD HOUSING | Serial Number | 13675276 | |
| Serial Number | 13678318 | | | Serial Number | 13707199 | |
| Serial Number | 13678321 | | | Serial Number | 13680920 | |
| CONDITION | Acceptable | | | CONDITION | Acceptable | |
| Serial Number | 14308907 | BORE | PISTON PAD | Serial Number | 4517534752-1-22 | |
| Serial Number | 14293278 | | | Serial Number | 4517471517-1-72 | |
| Serial Number | 14308883 | | | Serial Number | 4517534752-1-146 | |
| CONDITION | Acceptable | | | CONDITION | Acceptable | |
| Serial Number Upper lateral pad | 4514333345-3-8 | LATERAL PAD | STEERING PAD BOLT | Serial Number | 13324014 | |
| Serial Number | 4513413473-2-3 | | | Serial Number | 13689683 | |
| Serial Number | 4513413473-2-8 | | | Serial Number | 13269784 | |
| Serial Number Lower lateral pad | 4514200734-1-34 | | | Serial Number | 13709971 | |
| Serial Number | 4515911107-2-21 | | | Serial Number | 14432287 | |
| Serial Number | 4513413473-1-14 | | | Serial Number | 13262843 | |
| CONDITION | Acceptable | | | CONDITION | Acceptable | |
| Serial Number | 103211010-4 | SEAL GLAND | <div style="border: 1px solid blue; padding: 5px; display: inline-block;">ONLINE TRACEABILITY</div> | | | |
| Serial Number | 103211010-5 | | | | | |
| Serial Number | 103211010-6 | | | | | |
| CONDITION | Acceptable | | | | | |
| REMARKS:. | All Parts Mentioned above were found "Acceptable" At time of Inspection. | | | | | |
| Inspector Name: | M.Shahzad Ahmed | | Review By | | | |
| Qualification: | ASNT Level II | | Senior Inspector: | Naveed Hussain | Supervisor: | Hani Ali |
| Signature: | | | Customer Name Signature: | | | |
| Original - Client Files | | Copy - Area Office | QC/FN/DPI/NDT/022 | Rev.00 | Dated: 07 Nov 2021 | |