

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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AFTER REPAIR INSPECTION CERTIFICATE OF 6 3/4" DRILL COLLAR

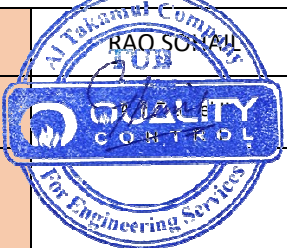
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|---|---|----------------------------|--|
| Client Name: | DAQING DRILLING | Report No.: | QC-2024-10-DQ-1202-007 |
| Acceptance Criteria: | <input checked="" type="checkbox"/> API SPEC 7-2 | Date Of Inspection: | 18.OCT.2024 |
| Work Location: | ABERDEEN WORKSHOP | Rig Name | DQ-1202 |
| Test Equipment & Consumeable Details | | | |
| WHITE CONTRAST WCP-2 | Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2025 | TECHNICAL DETAILS | Wet Visible Continuous |
| BLACK INK 7HF | Batch#:220605 Manufacture: Magnaflux Exp Date: JULY.2025 | COIL(1200 AMP-TURNS/IN | 22713 Cal.25.JUL.2024 Cal Due24.FEB.2025 |
| FLUORESCENT 14HF | Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025 | A.C HAND YOKE | PY-10 Cal.25.JUL.2024 Cal Due24.FEB.2025 |
| INTENSITY METER | SR#1608000134 CAL.Date Cal. 25.JUL.2024 Cal Due 24.FEB.2025 | UV BLACK LIGHT | SR#1895313 Cal.25.JUL.2024 Cal Due24.FEB.2025 |
| LEAD GAGE | SR#AH07KF0026 GAEMAKER LG- Cal. 25.JUL.2024 Cal Due 24.FEB.2025 | THREAD PROFILE GAGE | SR#21336 Cal. Cal.25.JUL.2024 Cal Due24.FEB.2025 SR#21335 Cal. Cal.25.JUL.2024 Cal Due24.FEB.2025 |
| Magnetic Partical Concentration 7 HF | 1.2 TO 2.4 ML/100 ML | WMPT Light Intensity | 3520 Lux |
| Magnetic particle concentration flourcent 14 HF | 0.1 TO 0.4 ML/100 ML | UV LIGHT INTENSITY: | 2950 μw/cm ² |
| Magnetism Direction (Longitudinal) | | | |
| METHODOLOGY: | <ul style="list-style-type: none"> • Through Visual inspection • MPI inspection with Ultraviolet light • Dimensional 3 *Lead Gaiging, & Thread Profile Gauging. | | |
| Connection: | NC50 | Size: | 6 3/4" |

| Serial No. | Visual Inspection | | | MPI | | | Dimensional 3 Inspection | | | | | | | | | | | | | | | | |
|------------|-------------------|-----|------|-----|-----|------|--------------------------|---------|------------|------------|------------|--------------|---------|-----------|-----------|-----------|-----------|--------------|-----------------|-----------------|------------|------------|----------------|
| | | | | | | | Pin | | | | | Box | | | | | Body | | | | | | |
| | Pin | Box | Body | Pin | Box | Body | OD (in) | ID (in) | SRG □ (in) | SRG □ (in) | Pin □ (in) | Bevel □ (in) | OD (in) | CB □ (in) | CB □ (in) | BB □ (in) | BB □ (in) | Bevel □ (in) | Pin Tong □ (in) | Box Tong □ (in) | EGR □ (in) | SGR □ (in) | Overall □ (in) |
| 57948-25 | - | Acc | - | - | Acc | - | - | - | - | - | - | - | 6 3/4" | 5 5/16" | 5/8" | 4 5/8" | 8" | 6 5/16" | - | 21 1/16" | - | - | - |

Conclusion: (01) The above Mentioned 6 3/4" Drill Collar were found "Acceptable" from Box Connection After Repair at time of Inspection ready to use.

Abbreviations

| | | | | | |
|-----------------------------------|-------------------------------|---------------------------------|-------------------------|--------------------------|---------------------------|
| OD Outside Diameter | ID Inside Diameter | SRG Stress Relief Groove | CB Counter Bore | BB Bore Back | FB Float Bore |
| □ Diameter | □ Length | □ Width | □ Depth | NP. Not Present | NA. Not Applicable |
| EGR Elevator Groove Recess | SGR Slip Groove Recess | CR Crack | B Bent | PC Premium Class | RF Reface |
| GT Galled Thread | TP Thread Pitting | SP Seal Pitting | TD Thread Damage | SD Seal Damage | M Mashed |
| 1 100 % Coating | 2 99-71 % Coating | 3 70-40 % Coating | 4 Up to 40 % | 5 Nil | WT Wall Thickness |
| Colors Code: | White No Defects | Red Crack or Extreme | Blue Damage | Green Seal Damage | Yellow ACFM |

| | | | | | | |
|------------------------|---|--------------------------|----------|--------------------|----------------|----------------------------|
| Inspector Name: |  | Review By | | | | |
| Qualification: | | Senior Inspector: | M.SARWAR | Supervisor: | AHMED MOHAMMED | Customer Name: |
| Signature: | | | | | | Customer Signature: |

Original - Client Files

Copy - Area Office

QC/FN/AF,REP/026

Rev.00

Dated 07 NOV 2021

