

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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AFTER REPAIR INSPECTION CERTIFICATE OF 8" DRILL COLLAR

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|---|--|----------------------------|--|
| Client Name: | DAQING DRILLING | Report No.: | QC-06-24-0101-05 |
| Acceptance Criteria: | <input checked="" type="checkbox"/> API SPEC 7-2 | Date Of Inspection: | 19 June, 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) | SC 22713 Cal. 15.FEB.2024 Cal Due 14.AUG.2024 |
| FLUORESCENT 14HF | Batch #: 220306 Manufacture: Magnaflux Exp Date: March, 2025 | A.C HAND YOKE | 201504053 Cal. 15.FEB.2024 Cal Due 14.AUG.2024 |
| INTENSITY METER | SR#1608000134 CAL. Date Cal. 15.FEB.2024 Cal Due 14.AUG.2024 | UV BLACK LIGHT | SR#1900084 Cal. 15.FEB.2024 Cal Due 14.AUG.2024 |
| LEAD GAGE | SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.FEB.2024 Cal Due 12.AUG.2024 | THREAD PROFILE GAGE | SR#21336 Cal. 13.FEB.2024 Cal Due 12.AUG.2024 SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024 |
| 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: | 2960 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 Gaiging. | | |
| Connection: | 6 5/8" Reg | Size: | 8" |

| 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) | | | | |
| 03 | - | ACC | - | - | ACC | - | - | - | - | - | - | - | - | - | - | 8 1/16" | 6 1/16" | 5/8" | 5 18/64" | 8 3/8" | 7 11/16" | - | 42" | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Conclusion: (01) The above Mentioned 8" Drill Collar were found "Acceptable" from Box Side 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 |
| Ø Diameter | Ø Length | Ø Width | Ø 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 |

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|-------------------------|---------------|--------------------------|------------|--------------------------|----------------|----------------------------|--|
| Inspector Name: | M.SARWAR | Review By | | | | | |
| Qualification: | ASNT Level II | Senior Inspector: | RAO SOHAIL | Supervisor: | NAVEED HUSSAIN | Customer Name: | |
| Signature: | | | | | | Customer Signature: | |
| Original - Client Files | | Copy - Area Office | | QC/FN/AF, REP/026 Rev.00 | | Dated 07 NOV 2021 | |

