

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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

| | | | |
|---|--|----------------------------|--|
| Client Name: | DAQING DRILLING | Report No.: | QC-B-07-25-0411-8 |
| Acceptance Criteria: | <input checked="" type="checkbox"/> API SPEC 7-2 | Date Of Inspection: | 16.July.2025 |
| Work Location: | ABERDEEN WORKSHOP | Rig Name | DQ-37 |
| Test Equipment & Consumable Details | | | |
| WHITE CONTRAST WCP-2 | Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2026 | TECHNICAL DETAILS | Wet Visible Continuous |
| BLACK INK 7HF | Batch#:220605 Manufacture: Magnaflux Exp Date: JULY.2026 | COIL(1200 AMP-TURNS/IN | 22713 Cal.12.May.2025 Cal Due11.Nov.2025 |
| FLUORESCENT 14HF | Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2026 | A.C HAND YOKE | PY-10 Cal.12.May.2025 Cal Due11.Nov.2025 |
| INTENSITY METER | SR#160800134 CAL.Date Cal. 12.May.2025 Cal Due 11.Nov.2025 | UV BLACK LIGHT | SR#1895313 Cal.12.May.2025 Cal Due11.Nov.2025 |
| LEAD GAGE | SR#AH07KF0026 GAEMAKER LG- Cal. 12.May.2025 Cal Due 11.Nov.2025 | THREAD PROFILE GAGE | SR#21336 Cal. Cal.12.May.2025 Cal Due11.Nov.2025 SR#21335 Cal. Cal.12.May.2025 Cal Due11.Nov.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 • Dimensional 3 | | <ul style="list-style-type: none"> •MPI inspection with Ultraviolet light *Lead Gaiging, & Thread Profile Gauging. |
| Connection: | NC 50 | 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) | |
| 11122 | Acc. | Acc. | - | Acc. | Acc. | - | 6-13/16" | 2-7/8" | 4-3/4" | 3/4" | 4-7/16" | 6-3/8" | 6-13/16" | 5-5/16" | 5/8" | 4-13/16" | 8" | 6-3/8" | 14-3/8" | 20-5/8" | - | - | - | |
| 01 | Acc. | Acc. | - | Acc. | Acc. | - | 6-13/16" | 2-13/16" | 4-3/4" | 3/4" | 4-7/16" | 6-3/8" | 6-13/16" | 5-5/16" | 5/8" | 4-13/16" | 7-7/8" | 6-3/8" | 14-3/8" | 19-3/4" | - | - | - | |
| 1S1015 | Acc. | Acc. | - | Acc. | Acc. | - | 6-13/16" | 2-13/16" | 4-3/4" | 3/4" | 4-7/16" | 6-3/8" | 6-13/16" | 5-5/16" | 5/8" | 4-13/16" | 8-1/8" | 6-3/8" | 13-3/8" | 20" | - | - | - | |

Conclusion: (03) The above Mentioned 6-3/4" Drill Collar were found "Acceptable" from PIN AND 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 |
| 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 | | | | | |

| | | | | | |
|------------------------|-------------------------|--------------------------|-----------------|--------------------|----------------------------|
| Inspector Name: | Tayyab Mehmood | Review By | | | |
| Qualification: | ASNT Level II (MPI, UT) | Senior Inspector: | NAVEED HUSSAAIN | Supervisor: | AHMED MOHAMMAD |
| Signature: | | | | | Customer Name: |
| | | | | | Customer Signature: |

Original - Client Files

Copy - Area Office

QC/FN/AF,REP/026 Rev.00

Dated 07 NOV 2021

