Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED
Basra, North Rumaila, Quality Control Yard - Iraq
Tel: +9647810009138 / +9647834964657
Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com

# AFTER REPAIR INSPECTION CERTIFICATE OF 8" DRILL COLLAR

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|---|---|---|---|
| **Client Name:** | **DAQING DRILLING** | Report No.: | QC-09-24-0153-005 |
| Acceptance Criteria. | ☑API SPEC 7-2 | Date Of Inspection: | 22,Sep,2024 |
| **Work Location:** | **ABERDEEN WORKSHOP** | Rig Name | DQ-37 |
| **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 | 3500 Lux |
| Magnetic particle concentration flourcent 14 HF | 0.1 TO 0.4 ML/100 ML | UV LIGHT INTENSITY: | 3050 µw/cm² |
| Magnetism Direction (Longitudinal) | | | |
| METHODOLOGY: | • Through Visual inspection • Dimensional 3 | •MPI inspection with Ultraviolet light *Lead Gaiging & Thread Profile Gauging. | |
| **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 W ☐ (in) | Pin ☐ (in) | Bevel ☐ (in) | OD (in) | CBD ☐ (in) | CBW ☐ (in) | BB ☐ (in) | BBL ☐ (in) | Bevel ☐ (in) | Pin | Tong ☐ (in) | Box | Tong ☐ (in) | EGR ☐ (in) | SGR ☐ (in) | Overall ☐ ☐ (In) |
| 9449 | Acc | - | - | Acc | - | - | 8" | 2 13/16" | 5 13/32" | 3/4" | 5" | 7 9/16" | - | - | - | - | - | - | - | - | 17 5/8" | - | - | - |
| 05000085 | Acc | - | - | Acc | - | - | 8" | 2 13/16" | 5 13/32" | 7/8" | 5" | 7 9/16" | - | - | - | - | - | - | - | - | 14" | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **Conclusion:** | ■ **(02) The above Mentioned 8 " Drill Collar were found "Acceptable" from PIN Connection After Repair at time of Inspection ready to use.** | | | | | | | | | | | | | | | | | | | | | | |

**Abbreviations**

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|---|---|---|---|---|---|---|---|---|---|---|---|
| **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** |

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|---|---|---|---|---|---|---|
| **Inspector Name:** | M.SARWAR | **Review By** | | | | |
| **Qualification:** | | **Senior Inspector:** | RAO SOHAIL | **Supervisor:** | M.FAHAD | **Customer Name:** |
| **Signature:** | | | | | | **Customer Signature:** |

Original - Client Files | Copy - Area Office | QC/FN/AF,REP/026 Rev.00 Dated 07 NOV 2021