

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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CERTIFICATE OF INSPECTION AFTER REPAIR FOR 5" DRILL PIPE

| | | | |
|---|---|----------------------------|--|
| Client Name: | DAQING DRILLING | Report No.: | QC 06-24-0100-01 |
| Acceptance Criteria: | <input checked="" type="checkbox"/> API SPEC 7-2 | Date Of Inspection: | 8June2024 |
| Work Location: | ABERDEEN WORKSHOP | Rig Name | DQ-12 |
| 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 | 3500 Lux |
| Magnetic particle concentration flourcent 14 HF | 0.1 TO 0.4 ML/100 ML | UV LIGHT INTENSITY: | 3070 μw/cm ² |
| METHODOLOGY: | • Through Visual inspection • Dimensional • MPI inspection with Ultraviolet light *Lead Gaiging, Taper Gauging & Thread Profile Gauging. | | |
| Connection: | NC-50 (4 ½ IF) | Size: | 5" |

| Serial No. | Result of Inspection | | | | | | | | Dimensional Inspection (in) | | | | | | | | | | Pin Tong (in) | Box Tong (in) |
|------------|----------------------|-----|------|-----------|---------|-----|---------------|---------|-----------------------------|---------|----------|------------|---------------|-----------|---------|---------|---------|---------------|---------------|---------------|
| | Pin | Box | Tube | Coating % | OD Wear | H.B | Remainin g WT | EMI | Pin | | | | | Box | | | | | | |
| | | | | | | | | | OD (in) | ID (in) | Pin (in) | Bevel (in) | Pin neck (in) | Seal (in) | OD (in) | CB (in) | CB (in) | Shoulder (in) | | |
| X 37 | ACC | -- | -- | -- | -- | -- | -- | 6 5/8" | 3 1/4" | 4 1/2" | 6 1/8 | 3/8" | 13/32" | -- | -- | -- | -- | -- | 8 1/16" | -- |
| 12 | ACC | -- | -- | -- | -- | -- | -- | 6 5/8" | 3 1/4" | 4 1/2" | 6 1/8 | 5/16" | 13/32" | -- | -- | -- | -- | -- | 8 1/4" | -- |
| 79777 | ACC | -- | -- | -- | -- | -- | -- | 6 9/16" | 3 1/4" | 4 1/2" | 6 1/8 | 1/2" | 13/32" | -- | -- | -- | -- | -- | 8 3/16" | -- |
| 259 | ACC | -- | -- | -- | -- | -- | -- | 6 9/16" | 3 1/4" | 4 1/2" | 6 1/8 | 3/8" | 13/32" | -- | -- | -- | -- | -- | 8 1/4" | -- |
| 188 | ACC | -- | -- | -- | -- | -- | -- | 6 9/16" | 3 1/4" | 4 1/2" | 6 1/8 | 3/8" | 13/32" | -- | -- | -- | -- | -- | 7 3/4" | -- |

Conclusion: *05 Joint Was Found Acceptable From PIN Side 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 | |
| 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 Damage. | Blue Damage | Green Seal Damage | Yellow ACFM |

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

