

AI 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



CERTIFICATE OF INSPECTION FOR 5" HWDP

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|---|---|--|--|
| Client Name: | DAQING DRILLING | Report No.: | DQ-11-QC-24-04-RS-020 |
| Acceptance Creater: | DS-1 Fifth Edition, Volume 3 CAT 3-5 | Date of Inspection: | 01.APR.2024 |
| Work Location: | (EV-49) | Rig No.: | DQ-11 |
| Test Equipment & Consumable 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 Due14.AUG.2024 |
| FLUORESCENT 14HF | Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025 | A.C HAND YOKE | 201504053 Cal.15.FEB.2024 Cal Due14.AUG.2024 |
| INTENSITY METER | SR#160800134 CAL.Date Cal. 15.FEB.2024 Cal Due 14.AUG.2024 | UV BLACK LIGHT | SR#1900084 Cal.15.FEB.2024 Cal Due14.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: | 3050 μw/cm ² |
| Magnetism Direction (Longitudinal) | | | |
| METHODOLOGY: | Through Visual inspection • Dimensional | •MPI inspection with Ultraviolet light Heat Checking Thread Profile Gauging. | |
| Connection: | NC50 | Size: | 5" |

| Serial No. | Visual Inspection | | | | Black Light | | Dimensional 3 Inspection | | | | | | | | | | | | | | | |
|--------------------|-------------------|--|------|----|-------------|-----|--------------------------|---------|------------|------------|--------------|-----------|---------|-----------|-----------|-----------|-----------|--------------|--------|-----------------|-----------------|--------------------|
| | Pin | Box | Body | HB | Pin | Box | Pin | | | | | | Box | | | | | | Body | | | |
| | | | | | | | OD (in) | ID (in) | SRG ϕ (in) | SRG λ (in) | Bevel ϕ (in) | pinλ (in) | OD (in) | CB ϕ (in) | CB δ (in) | BB ϕ (in) | BB δ (in) | Bevel ϕ (in) | Seal ϖ | Pin Tong λ (in) | Box Tong λ (in) | Center Part ϕ (in) |
| DQ222 | Acc | Acc | Acc | √ | Acc | Acc | 6 9/16" | 3 1/16" | 4 23/32" | 1" | 6 1/16" | 4 7/16" | 6 9/16" | 5 5/16" | 5/8" | 4 5/8" | 8" | 6 1/16" | 14/32" | 14 3/8" | 16 1/4" | 5 1/2" |
| 106000245 | Acc | Acc | Acc | √ | Acc | Acc | 6 9/16" | 3 1/16" | 4 23/32" | 3/4" | 6 1/16" | 4 7/16" | 6 9/16" | 5 5/16" | 5/8" | 4 5/8" | 8" | 6 1/16" | 14/32" | 11 1/8" | 17 3/8" | 5 1/2" |
| 1040001 | Acc | Acc | Acc | √ | Acc | Acc | 6 9/16" | 3 1/16" | 4 23/32" | 3/4" | 6 1/16" | 4 7/16" | 6 9/16" | 5 5/16" | 5/8" | 4 5/8" | 8 1/8" | 6 1/16" | 14/32" | 15 1/8" | 17 1/8" | 5 1/2" |
| 106000029 | Acc | Acc | Acc | √ | Acc | Acc | 6 9/16" | 3 1/16" | 4 23/32" | 3/4" | 6 1/16" | 4 7/16" | 6 9/16" | 5 5/16" | 5/8" | 4 5/8" | 7 7/8" | 6 1/16" | 14/32" | 12 1/8" | 16 1/4" | 5 1/2" |
| DQ-13 | Acc | Acc | Acc | √ | Acc | Acc | 6 9/16" | 3 1/16" | 4 23/32" | 3/4" | 6 1/16" | 4 7/16" | 6 9/16" | 5 5/16" | 5/8" | 4 5/8" | 8" | 6 1/16" | 14/32" | 15 1/4" | 17 1/4" | 5 1/2" |
| Conclusion: | | The Above Mentioned 5" Heavy Weight Drill Pipe was Found Acceptable from 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 |
| ϕ | Diameter | λ | Length | ϖ | Width | δ | 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: | .FAHAD | | Review By | | |
| Qualification: | Senior Inspector: | Supervisor: | Customer Name: | | |
| Signature: | | WAQAS | Customer Signature: | | |
| Original - Client Files | | Copy - Area Office | | QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021 | |

