



CERTIFICATE OF INSPECTION FOR 9 1/2" DRILL COLLAR

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| Client Name: | HONGHUA OIL&GAS ENGINEERING SERVICES. | Report No.: | QC-2023-1646-H08 |
| Acceptance Creater: | DS-1 Fifth Edition, Volume 3 CAT 3-5 | Date of Inspection: | 08-12-2023 |
| Work Location: | HH YARD BASRA | Rig No.: | HH-29 |
| 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.17.AUG.2023 Cal Due 16.FEB.2024 |
| FLUORESCENT 14HF | Batch #: 220306 Manufacture: Magnaflux Exp Date: March,2025 | A.C HAND YOKE | 201504053 Cal.17.AUG.2023 Cal Due 16.FEB.2024 |
| INTENSITY METER | SR# R.043943 Cal.15.AUG.2023 Cal Due 14.FEB.2024 | UV BLACK LIGHT | SR#1900084 Cal.17.AUG.2023 Cal Due 16.FEB.2024 |
| LEAD GAGE | SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 15.AUG.2023 CAL Due Date 14.FEB.2024 | THREAD PROFILE GAGE | SR#21336 CAL.Date.15. AUG. 2023 CAL Due Date.14. FEB. 2024 SR#21335 CAL.Date.17. AUG.2023 CAL Due Date. 16.FEB.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: | 3050 μw/cm ² |
| Magnetism Direction (Longitudinal) | | | |
| METHODOLOGY: | • Through Visual inspection • MPI inspection with Ultraviolet light • Dimensional 3 | | |
| Connection: | 7 5/8" Reg | Size: | 9 1/2" |

| 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) |
| 7R526 | Acc. | Acc. | Acc. | Acc. | Acc. | Acc. | 9 9/16" | 2 7/8" | 6 3/8" | 3/4" | 5 1/4" | 8 7/8" | 9 9/16" | 7 1/16" | 5/8" | 5 7/8" | 9 1/4" | 8 7/8" | 16 13/16" | 29 1/8" | - | 9/32" | - |
| 4P523 | Acc. | Acc. | Acc. | Acc. | Acc. | Acc. | 9 9/16" | 2 7/8" | 6 3/8" | 1" | 5 1/4" | 8 7/8" | 9 9/16" | 7 1/16" | 5/8" | 5 7/8" | 9" | 8 7/8" | 11 13/16" | 26 7/8" | - | 9/32" | - |
| 2102236 | Acc | Acc | - | Acc | Acc | - | 9 5/8" | 2 7/8" | 6 3/8" | 3/4" | 5 1/4" | 8 7/8" | 9 5/8" | 7 1/16" | 5/8" | 5 7/8" | 9" | 8 7/8" | 15 1/2" | 26 3/8" | - | 9/32" | - |

Conclusion: (03) The above Mentioned 9 1/2" Drill Collar was found "Acceptable" from Pin & 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 |
| ☐ 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 | PT Pitting Thread | SP Seal Pitting | TD Thread | 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 |

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

Original - Client Files Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021

