



CERTIFICATE OF INSPECTION FOR 9 1/2" DRILL COLLAR

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|---|--|------------------------|---|
| Client Name: | ZPEC | Report No.: | QC-B-02-25-0049-02 |
| Acceptance Creater: | <input checked="" type="checkbox"/> API SPEC 7-2 | Date of Inspection: | 13.Fab.2025 |
| Work Location: | ABERDEEN WORKSHOP BASRA IRAQ | Rig No.: | ZP-016 |
| 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 | SC 22713 Cal.15.Jan.2025 Cal Due14.July.2025 |
| FLUORESCENT 14HF | Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2026 | A.C HAND YOKE | 201504053 Cal.15.Jan.2025 Cal Due14.July.2025 |
| INTENSITY METER | SR#1608000134 CAL.Date Cal. 15.Jan.2025 Cal Due 14.July.2025 | UV BLACK LIGHT | SR#1900084 Cal.15.Jan.2025 Cal Due14.July.2025 |
| LEAD GAGE | SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.Jan.2025 Cal Due 12.July.2025 | THREAD PROFILE GAGE | SR#21336 Cal. 13.Jan.2025 Cal Due 12.July.2025 SR#21335 Cal. 15. Jan.2025 Cal Due 14.July.2025 |
| Magnetic Partical Concentration 7 HF | 1.2 TO 2.4 ML/100 ML | WMPT Light Intensity | 3450Lux |
| Magnetic particle concentration flourcent 14 HF | 0.1 TO 0.4 ML/100 ML | UV LIGHT INTENSITY: | 3000 µw/cm ² |
| Magnetism Direction (Longitudinal) | | | |
| METHODOLOGY: | • Through Visual inspection • Dimensional 3 | | •MPI inspection with Ultraviolet light *Lead Gaiging. & Thread Profile Gauging. |
| 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 (Feet) | |
| 121P514 | Acc. | Acc. | -- | Acc. | Acc. | -- | 9 1/2" | 2 3/4" | 6 3/8" | 3/4" | 5 1/4" | 8 3/4" | 9 1/2" | 7 1/16" | 5/8" | 5 7/8" | 8 3/8" | 8 3/4" | 18 1/2" | 20 3/4" | ... | ... | 29.8 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Conclusion: | | | | 01 The Above Mentioned Drill Collar was found "Acceptable"From Pin Side & Box Side After Repair At the time of Inspection | | | | | | | | | | | | | | | | | | | | |

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 | PT Pitting Thread | 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 |

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|--|----------------|-------------------|----------|---------------------|----------------|
| Inspector Name: | Mohammed Magdy | Review By | | | |
| Qualification: | ASNT Level II | Senior Inspector: | M.SARWAR | Supervisor: | Ahmed Mohammed |
| Signature: | | Customer Name: | | Customer Signature: | |
| Original - Client Files Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021 | | | | | |





CERTIFICATE OF INSPECTION FOR 9 1/2" DRILL COLLAR

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|---|---|------------------------|---|
| Client Name: | ZPEC | Report No.: | QC-B-02-25-0049-03 |
| Acceptance Creater: | <input checked="" type="checkbox"/> API SPEC 7-2 | Date of Inspection: | 13.Fab.2025 |
| Work Location: | ABERDEEN WORKSHOP BASRA IRAQ | Rig No.: | ZP-016 |
| Test Equipment & Consumeable 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 | SC 22713 Cal.15.Jan.2025 Cal Due 14.July.2025 |
| FLUORESCENT 14HF | Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2026 | A.C HAND YOKE | 201504053 Cal.15.Jan.2025 Cal Due 14.July.2025 |
| INTENSITY METER | SR#1608000134 CAL.Date Cal. 15.Jan.2025 Cal Due 14.July.2025 | UV BLACK LIGHT | SR#1900084 Cal.15.Jan.2025 Cal Due 14.July.2025 |
| LEAD GAGE | SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.Jan.2025 Cal Due 12.July.2025 | THREAD PROFILE GAGE | SR#21336 Cal. 13.Jan.2025 Cal Due 12.July.2025 SR#21335 Cal. 15. Jan.2025 Cal Due 14.July.2025 |
| Magnetic Partical Concentration 7 HF | 1.2 TO 2.4 ML/100 ML | WMPT Light Intensity | 3450Lux |
| Magnetic particle concentration flourcent 14 HF | 0.1 TO 0.4 ML/100 ML | UV LIGHT INTENSITY: | 3000 µw/cm ² |
| Magnetism Direction (Longitudinal) | | | |
| METHODOLOGY: | • Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light *Lead Gaiging. & Thread Profile Gaiging. | | |
| 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) | | |
| 18P0914 | Acc. | -- | | Acc. | -- | -- | 9 1/2" | 3 1/8" | 6 3/8" | 15/16" | 5 1/4" | 8 3/4" | -- | -- | -- | -- | -- | -- | -- | -- | 15 1/4" | -- | -- | -- | 29.11 |
| 17P0914 | Acc. | -- | | Acc. | -- | -- | 9 1/2" | 3" | 6 3/8" | 7/8" | 5 1/4" | 8 3/4" | -- | -- | -- | -- | -- | -- | -- | -- | 13 1/2" | -- | -- | -- | 29.11 |
| 90P514 | Acc. | -- | | Acc. | -- | -- | 9 1/2" | 2 3/4" | 6 3/8" | 3/4" | 5 1/4" | 8 3/4" | -- | -- | -- | -- | -- | -- | -- | -- | 17 1/2" | -- | -- | -- | 29.6 |

Conclusion: 03 The Above Mentioned Drill Collar was found "Acceptable" From Pin Side After Repair At the time of Inspection

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 | PT Pitting Thread | 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 |

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|--|----------------|-------------------|----------|-------------|---------------------|
| Inspector Name: | Mohammed Magdy | Review By | | | |
| Qualification: | ASNT Level II | Senior Inspector: | M.SARWAR | Supervisor: | Ahmed Mohammed |
| Signature: | | | | | Customer Name: |
| | | | | | Customer Signature: |
| Original - Client Files Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021 | | | | | |





CERTIFICATE OF INSPECTION FOR 9 1/2" DRILL COLLAR

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|---|---|------------------------|---|
| Client Name: | ZPEC | Report No.: | QC-B-02-25-0049-04 |
| Acceptance Creater: | <input checked="" type="checkbox"/> API SPEC 7-2 | Date of Inspection: | 13.Fab.2025 |
| Work Location: | ABERDEEN WORKSHOP BASRA IRAQ | Rig No.: | ZP-016 |
| Test Equipment & Consumeable Details | | | |
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| METHODOLOGY: | • Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light *Lead Gaiging. & Thread Profile Gaiging. | | |
| 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) | |
| 22288 | - | Acc. | - | - | Acc. | - | - | - | - | - | - | - | - | 9 1/2" | 7 1/16" | 5/8" | 5/8" | 8 1/2" | 8 3/4" | - | 18 1/4" | ... | ... | 29.1 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

Conclusion: 01 The Above Mentioned Drill Collar was found "Acceptable" From Box Side After Repair At the time of Inspection

Abbreviations :

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