



## INSPECTION CERTIFICATE FOR 3 1/2" PUP JOINT

|   |  |  |  |
|---|--|--|--|
| Client Name:  | <b>HALLIBURTON</b> (HCT)   | Report No.:  | HAL-24-06-MS-HCT-2272  |
| Acceptance criteria:  | DS-1 Volume 4 Fifth Edition  | Date of Inspection:  | 17.AUG.2024  |
| Refrance Standard HCT   | MAN-GL-HAL-HCT-900 REV NO.6.6  | Next Inspection Date:  | <b>16.FEB.2025</b>   |
|   |  | Halliburton Doc. (Visual Procedure D00305796 Revision <b>W</b> ) |  |
| Halliburton Doc. (Dimensional Procedure D00301932 Revision <b>M</b> ) |  | Halliburton Doc. (MPI Procedure D00976850 Revision <b>D</b> )    |  |
| <b>TEST EQUIPMENT &amp; CONSUMABLE DETAILS</b>                        |  |  |  |
| WHITE CONTRAST WCP-2  | Batch #: 220602 Manufacture: Magnaflux<br>Exp Date: JUN,2025   | TECHNICAL DETAILS  | Wet Visible Continuous   |
| BLACK INK 7HF   | Batch#: 220605 Manufacture: Magnaflux<br>Exp Date: JULY.2025   | COIL(1200 AMP-TURNS/IN   | SR#22650 Cal.16.APR.2024<br>Cal Due 15.OCT.2024  |
| FLUORESCENT 14HF  | Batch #: 220306 Manufacture: Magnaflux<br>Exp Date: March.2025   | A.C HAND YOKE  | SR#201504052 Cal.15.APR.2024<br>Cal Due 14.OCT.2024  |
| INTENSITY METER   | SR#R.043943 Cal.17.APR.2024<br>Cal Due 16.OCT.2024   | UV BLACK LIGHT   | SR#1898977 Cal.15.APR.2024<br>Cal Due 14.OCT.2024  |
| LEAD GAGE   | SR#AH07KF0027 GAEMAKER LG-5003<br>Cal.17.APR.2024<br>Cal Due 16.OCT.2024   | THREAD PROFILE GAGE  | SR#21336 CAL.Date.17.APR.2024<br>Cal Due 16.OCT.2024<br>SR#21335 CAL.Date.17.APR.2024<br>Cal Due 16.OCT.2024 |
| Magnetic Partical Concentration 7 HF                                  | 1.2 TO 2.4 ML/100 ML   | UV LIGHT INTENSITY:  | 3260 µw/cm <sup>2</sup>  |
| Magnetic particle concentration flourcent 14 HF                       | 0.1 TO 0.4 ML/100 ML   | WMPT Light Intensity:  | 3520 Lux   |
| <b>MAGNITISUM DIRECTION (LONGITUDENAL)</b>                            |  |  |  |
| METHODOLOGY:  | <ul style="list-style-type: none"> <li>• Through Visual inspection</li> <li>• Dimensional Inspection</li> <li>• MPI inspection with Ultraviolet light</li> </ul> |  |  |

| Serial No. | Description      | Connection |          | Result Inspection |      |      | Dimensional Inspection |         |                    |                    |                   |        |                |                  |                |                  |                   |                      |                      |                        |
|------------|------------------|------------|----------|-------------------|------|------|------------------------|---------|--------------------|--------------------|-------------------|--------|----------------|------------------|----------------|------------------|-------------------|----------------------|----------------------|------------------------|
|            |                  | Pin        | Box      | Pin               | Box  | Body | Pin                    |         |                    |                    |                   | Box    |                |                  |                |                  | Body              |                      |                      |                        |
|            |                  |            |          |                   |      |      | OD(In)                 | ID(In)  | Neck $\varpi$ (In) | Pin $\lambda$ (In) | Bevel $\phi$ (In) | OD(In) | CB $\phi$ (In) | CB $\delta$ (In) | BB $\phi$ (In) | BB $\delta$ (In) | Bevel $\phi$ (In) | Pin T $\lambda$ (In) | Box T $\lambda$ (In) | Overall $\lambda$ (In) |
| HCT-PJ-005 | 3 1/2" PUP JOINT | 3 1/2 IF   | 3 1/2 IF | Acc.              | Acc. | Acc. | 5"                     | 2 7/16" | 13/32"             | 4"                 | 4 5/8"            | 5"     | 4 2/32"        | 5/8"             | -              | -                | 4 5/8"            | 9 7/8"               | 8 1/8"               | 118 5/8"               |



**Conclusion:** ■ 01 PUP JOINT was found "Acceptable". At time of Inspection Ready For Use.

**Abbreviations :**

|                     |                        |           |                    |          |                          |          |               |       |               |        |                |
|---------------------|------------------------|-----------|--------------------|----------|--------------------------|----------|---------------|-------|---------------|--------|----------------|
| OD                  | Outside Diameter       | ID        | Inside Diameter    | SRG      | Stress Relief Groove     | CB       | Counter Bore  | BB    | Bore Back     | FB     | Float Bore     |
| $\phi$              | Diameter               | $\lambda$ | Length             | $\varpi$ | Width                    | $\delta$ | 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 |
| <b>Colors Code:</b> |                        | White     | No Defects         | Red      | Crack or Extreme Damage. | Blue     | Damage        | Green | Seal Damage   | Yellow | ACFM           |

|                         |                 |                     |                |                     |          |                    |
|-------------------------|-----------------|---------------------|----------------|---------------------|----------|--------------------|
| Inspector               | M. Shazad Ahmed | Review By           |                |                     |          |                    |
| Qualification:          |                 | Senior Inspector:   | NAVEED HUSSAIN | Supervisor:         | Hani Ali | Customer Name:     |
| Signature:              |                 | Customer Signature: |                |                     |          |                    |
| Original - Client Files |                 | Copy - Area Office  |                | QC/FN/FLS/03 Rev.00 |          | Dated: 07 Nov 2021 |

