



### CERTIFICATE OF CONFORMITY

**THIS IS TO CERTIFY THAT:** The Documents described in this certificate have been completely reviewed as per the requirements of Original Equipment Manufacturer "OEM". The result was found **Satisfactory** at the time of review and considered **conform with OEM requirements**. The **MPF Unit** described hereby has been re-certified (Major Surveyed) based on the requirements of the **OEM and Client's Specifications**, the **MPF Unit** has been experienced the described below inspections/tests/witnesses and all the results found **accepted** as per the OEM acceptance criteria, therefore the mentioned-below unit has been considered **Safe & Ready** to continue in service.

Certificate No.: ATS-SLB-COC-26-02

Client: **Schlumberger – Iraq**

Department: Coiled Tubing (CT)

Location: Iraq-Basra-SLB MBC

Date of Survey: December -2025

Scope: 5-years Major Survey (Re-certification) for Coiled Tubing Units

Conform with: OEM Requirements & Client Specifications

OEM: **NOV ROLLIGON / SPM (Power End & Fluid End) / Cummins (QSX15 Engine) / ALLISON (Transmission)**

Unit: MPF#9
<p><b><u>OEM Documents:</u></b></p> <ul style="list-style-type: none"> <li>➤ Preventive Maintenance Schedules</li> </ul> <p><b><u>Owner's Documents:</u></b></p> <ul style="list-style-type: none"> <li>➤ Asset Care Program – Reservoir Performance – MPX Multipurpose Pump – Service Level X (6000 Engine hours or 4 Years) – Maximo PM Code: <b>MPXSLX4Y</b></li> <li>➤ Asset Care Program – Reservoir Performance – MPF Multipurpose Pump Float – Service Level 4 (Annual) – Maximo PM Code: <b>MPFSL4</b></li> <li>➤ Asset Care Program – Reservoir Performance – MPF Multipurpose Pump Float – Service Level 3 (500 Hours) – Maximo PM Code: <b>MPFSL3</b></li> <li>➤ Asset Care Program – Reservoir Performance – MPF Multipurpose Pump Float – Service Level 1 (250 Hours) – Maximo PM Code: <b>MPFSL1</b></li> <li>➤ MPF Refurbishment Pictorial Report</li> <li>➤ Asset Performance and Functional Tests/ Checklists: <b>Engine Startup Test, RS C-Pump Performance Test, CS C-Pump Performance Test, Mixing Paddle &amp; Tank Test, RS OPSD &amp; Treating Line Pressure Test, CS OPSD &amp; Treating Line Pressure Test, RS Pump Rate &amp; Endurance Test, CS Pump Rate &amp; Endurance Test, RS HHP Test, CS HHP Test, Acquisition System Test, Functional Tests</b></li> <li>➤ Materials and Spare Parts Purchase Orders, Nos: (4800113735, 4584268572, 4800172632, 4800135241, 4800136041, 4800141291, 4800214108, 4854153524, 4800387412, 4854165354, 4584153585, 4584156013, 4800295933, 4584493563, 4800290087, 4800277331, 4800081485, 4800081484)</li> <li>➤ Material receipt notes &amp; Delivery Notes, Nos: (<b>DBP25013, DN-33, DN-45, 3005DN-28, DN-29</b>)</li> <li>➤ Supplementary Test Certificates: <b>OPSD Certificate, Pressure Sensor Certificate, Engine Automatic Overspeed Shut Down Certificate, cementing job records</b></li> </ul>

**MPF#9 Unit Components:**

**1- Multipurpose Pump Float Unit MPF#9:**

Equipment Manufacturer SN: SF11-7165-D

Unit Number: MPF34213Y1420

Date of MFG: August/2019

MFG Work Order: 7165

Manufacturer: NOV ROLLIGON





Model: TPT-1202-T

VIN: 1R9SO3924BA494094

SLB Model No.: MPF 342 12-006

Work Order Number: MT00436758

Gross Weight: 80000 Lbs

**2- Triplex Pumps / Fluid Ends:**

Left Side:

Type: TWS600S HD

Manufacturer: SPM

SN: 2501FEA013AE-1

Size: 3"

Date of MFG: 01/2025

Pressure Rating: 15000 Psi / 1.034 Bar

Right Side:

Type: TWS600S HD

Manufacturer: SPM

SN: 2501FEA014AE-1

Size: 3"

Date of MFG: 01/2025

Pressure Rating: 15000 Psi / 1.034 Bar

**3- Cummins Engines QSX15:**

Model: QSX15 Industrial Engine

Family: ACEXL019.AAD

Engine Rate: 600 HP

Right side Engine SN: 79758639

Left side Engine SN: 79531446

**4- ALLISON Transmissions:**

Product Family: 4000

Transmission Model: Allison 4700OFS

Right side SN: 6610332256

Left side SN: 6610332279





## Remarks:

### 1. The following Documents have been reviewed and found conform to OEM requirements:

- Asset Care Program – Reservoir Performance – MPX Multipurpose Pump – Service Level X (6000 Engine hours or 4 Years) – Maximo PM Code: [MPXSLX4Y](#)
- Asset Care Program – Reservoir Performance – MPF Multipurpose Pump Float – Service Level 4 (Annual) – Maximo PM Code: [MPFSL4](#)
- Asset Care Program – Reservoir Performance – MPF Multipurpose Pump Float – Service Level 3 (500 Hours) – Maximo PM Code: [MPFSL3](#)
- Asset Care Program – Reservoir Performance – MPF Multipurpose Pump Float – Service Level 1 (250 Hours) – Maximo PM Code: [MPFSL1](#)
- MPF Refurbishment Pictorial Report
- Materials and Spare Parts Purchase Orders, Nos: ([4800113735](#), [4584268572](#), [4800172632](#), [4800135241](#), [4800136041](#), [4800141291](#), [4800214108](#), [4854153524](#), [4800387412](#), [4854165354](#), [4584153585](#), [4584156013](#), [4800295933](#), [4584493563](#), [4800290087](#), [4800277331](#), [4800081485](#), [4800081484](#))
- Material receipt notes & Delivery Notes, Nos: ([DBP25013](#), [DN-33](#), [DN-45](#), [3005DN-28](#), [DN-29](#))
- Supplementary Test Certificates: [OPSD Certificate](#), [Pressure Sensor Certificate](#), [Engine Automatic Overspeed Shut Down Certificate](#), [cementing job records](#)

### 2. The following Tests have been Witnessed and found satisfactory at the time of test, and conform to the OEM acceptance Criteria:

- Asset Performance and Functional Tests: [Engine Startup & Shut down Tests](#), [RS C-Pump Performance Test](#), [CS C-Pump Performance Test](#), [Mixing Paddle & Tank Test](#), [RS OPSD & Treating Line Pressure Test](#), [CS OPSD & Treating Line Pressure Test](#), [RS Pump Rate & Endurance Test](#), [CS Pump Rate & Endurance Test](#), [RS HHP Test](#), [CS HHP Test](#), [Acquisition System Test](#), [Functional Tests](#)

### 3. **All of the new materials and spare parts have been checked against the shipping and delivery documents and witnessed during installation**

### 4. **The refurbishment was aligned with the provided SLB sustaining team guidelines**

### 5. **ATS team has witnessed the refurbishment on a weekly time, and verified that all process has been met as per the SL4, SLX, and SLB sustaining guideline, and the M&S POs reception and installation on the equipment**

**MPF#9 unit found ready and safe to continue into service**

Reviewed By: Eng. Hasan Omran

Signature:



Date: 02- January-2026



Approved By: Eng. Majd Dayoub

Signature:



Date: 04-January-2026

Next recertification Date: December-2030