



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 **NPF Unit** described hereby has been re-certified (Major Surveyed) based on the requirements of the **OEM and Client's Specifications**, the **NPF 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-26-03

Client: **Schlumberger – Iraq**

Department: Coiled Tubing (CT)

Location: Iraq-Basra-SLB MBC

Date of Major Survey: December - 2025

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

Conform with: OEM Requirements & Client Specification

OEM: **NOV Hydra Rig**

Unit: NPF 374#6

OEM Documents:

- Preventive Maintenance Schedules

Owner's Documents:

- Asset Care Program – Reservoir Performance – NPF CT Nitrogen Pump Float– Service Level 4 (Annual) – Maximo PM Code: **NPF374SL4**
- Asset Care Program – Reservoir Performance – NPF-374 CT Nitrogen Pump Float– **Test Pit**
- MPF Refurbishment Pictorial Report
- Asset Performance and Functional Tests/ Checklists: **Pre-Test Inspection, Rig-up Test, Acquisition Setup, Unit Start Test, Cool Down Test, Pressure Test, N2 Pumping Test, Low HHP test, Max HHP Test, Pump Shutdown Test, Functional Tests**
- Materials and Spare Parts Purchase Orders, Nos: (**4800080835, 4584156013, 45849688572, 4800172632, 4800116936, 101551432**)
- Supplementary Test Certificates: **Pressure Sensor Certificate, Engine Automatic Overspeed Shut Down Certificate, OPSD Certificate, Kingpin Inspection Certificate, Vacuum Tank Certificate, PRV Test Certificate, Air Tank Inspection Certificates, Pressure Gauge Inspection Certificate**

NPF Components:

1- Nitrogen Pump Float Unit:

Equipment Manufacturer SN: 27776

Unit No.: NPF37412Y1218

W.O.: MT00436749





MFG W.O.: 100331

MFG Part No.: FA900176

Manufacturer: NOV Hydra Rig

Gross Weight: 40600 Lbs

Chassis VIN: 1Z9SD403XBO058310

Engine Maker / Model /SN: Cummins / ISF 3.8 /122381F

Discharge Pressure Transducer SN: 900179

2- Trailer:

Manufacturer: Overbilt Trailer Company

SN: SD403NBO058810

3- Nitrogen Tank (Cryogenic Vessel):

Manufacturer: Cryogenic Vessel Alternatives (CVA)

Model: 3.3K-45-TM-MW

SN: 30480

Designed Weight for loading: 26480 Lbs /12011 Kg

Maximum allowable Working pressure: 45 Psi / 310 KPa

Gross Capacity: 3205 Gal / 12132 Liters





Remarks:

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

- Asset Care Program – Reservoir Performance – NPF CT Nitrogen Pump Float– Service Level 4 (Annual) – Maximo PM Code: *NPF374SL4*
- Asset Care Program – Reservoir Performance – NPF-374 CT Nitrogen Pump Float– *Test Pit*
- *MPF Refurbishment Pictorial Report*
- Asset Performance and Functional Tests/ Checklists: *Pre-Test Inspection, Rig-up Test, Acquisition Setup, Unit Start Test, Cool Down Test, Pressure Test, N2 Pumping Test, Low HHP test, Max HHP Test, Pump Shutdown Test*
- Materials and Spare Parts Purchase Orders, Nos: (*4800080835, 4584156013, 45849688572, 4800172632, 4800116936, 101551432*)
- Supplementary Test Certificates: *Pressure Sensor Certificate, Engine Automatic Overspeed Shut Down Certificate, OPSD Certificate, Kingpin Inspection Certificate, Vacuum Tank Certificate, PRV Test Certificate, Air Tank Inspection Certificates, Pressure Gauge Inspection Certificate*

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: *Pre-Test Inspection, Rig-up Test, Acquisition Setup, Unit Start Test, Cool Down Test, Pressure Test, N2 Pumping Test, Low HHP test, Max HHP Test, Pump Shutdown 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

NPF 374#6 unit found ready and safe to continue into service

Reviewed By: Eng. Hasan Omran

Signature:



Date: 03 - January – 2026



Approved By: Eng. Majd Dayoub

Signature:



Date: 04 - January – 2026

Next recertification Date: December - 2030