



## Standard 325 HP Testing Procedures

### 1. PRE-JOB TASKS

The TXPTS Employee:

- a. Will ensure test unit turns on and all safety devices are fully functional for job task.
- b. Will load and transport equipment to the job site.
- c. Will arrive on location, and check with company representative to outline the scope of job procedures.
- d. Will prepare a JSA and review with all personnel involved, including rig crews.

**Hazard:** not gathering all of the information needed to properly assess the job.

**Preventive Measure:** ensure to find out from company representative, ALL aspects of the job to be done.

**Hazard:** not properly communicating the hazards to all personnel.

**Preventive Measure:** ensure everyone is attentive to, and understands the task at hand.

### 2. EQUIPMENT INSPECTION

The TXPTS  
Employee:

- a. Will check tool inventory. The operator will verify that they have everything needed to complete the job.
- b. Will ensure all lifting devices are properly rated for the job being done.
- c. Will inspect hoses and fittings for any sign of damage.
- d. Will check wellhead and valves for the manufacturer's maximum working pressure.

**Hazard:** not having proper equipment or inventory to safely and successfully complete the job.

**Preventive Measure:** ensure having all proper PPE and equipment needed.

**Hazard:** lifting device failure.

**Preventive Measure:** ensure all hoses and lifting devices are visually inspected and have current certifications.

### 3. EQUIPMENT START-UP

The TXPTS Employee:

- a. Will ensure water tank is filled with fresh water.
- b. Will lay out test hose and install a 1502 test fitting with 2" cap at the end of connection.
- c. Will connect chart recorder to hose fitting on the back of the recorder.
- d. Will rope off the entire test area using "RED danger tape" and display the high pressure signs.
- e. Will start up test until while all nonessential personnel are away from the unit during start-up and test.
- f. Will make sure bypass/regulator valve is fully opened before engaging test pump.
- g. Will make sure bleed off valves on the test unit are fully opened.
- h. Will engage test pump making sure all air is displaced and pump is fully primed.
- i. Will disengage pump and close bleed off valves on test unit.
- j. Will turn on the chart recorder.
- k. Will engage test pump and pressure up the test unit to maximum testing pressure, and chart for 5 minutes.
- l. Will sign, date, add serial number of chart recorder and note time on the chart that the unit was tested satisfactorily and turned in with job paperwork.
- m. Will set Murphy switch to desired testing pressure and ensure override switch is set in the OFF position.

**Hazard:** hydraulic hose bursting, leaking connectors.

**Preventive Measure:** ensure hoses are in good shape and kept off of sharp edges.

**Hazard:** unit not working properly, stalling or not starting.

**Preventive Measure:** ensure all ball valves connected to the fuel and hydraulic lines are open during operations. Inspect the ESD for proper adjustment. Ensure that the kill switch is in the open position and not stuck in the closed position.

**Hazard:** air hose coming off unit or bursting.

**Preventive Measure:** ensure all hoses are in good shape and use safety pins and whip checks.

**Hazard:** slip, trips, and falls.

**Preventive Measure:** wear proper shoes, keep hoses & equipment out of walk area and watch your footing.

**Hazard:** pinch points.

**Preventive Measure:** wear impact gloves and watch hand and body placement.

**Hazard:** environmental impact.

**Preventive Measure:** ensure in the event of a leak, to repair the connection and clean up.

**Hazard:** test hose isolation valve installed in the wrong direction.

**Preventive Measure:** ensure hose block valve is installed with hose connection on the pressure side. NOTE: the bleed off side will have an arrow pointing downstream of the magnum needle valve.

#### 4. VERIFICATION OF WORK AREA

The TXPTS Employee :

- a. Will conduct a walk-through of the work area and ensure adequate conditions exist to conduct job safely.
- b. Will prepare a JSA after assessing the work area and identifying any hazards.
- c. Will test and verify the Murphy switch is set to desired maximum testing pressure and ensure override switch is in the OFF position BEFORE starting any task.

**Hazard:** any hazards not identified.

**Preventive Measure:** ensure all potential hazards are documented and repaired or clearly marked and the entire crew informed as to the existence of the hazard before starting of job.

**Hazard:** personnel not understanding the task or not attentive during the safety meeting.

**Preventive Measure:** ensure everyone is attentive and understands the task at hand.

**Hazard:** personnel walking in areas with pressurized equipment.

**Preventive Measure:** all areas with pressurized equipment will be marked with danger tape.

**Hazard:** over pressuring equipment.

**Preventive Measure:** ensure Murphy switch is working properly by testing it and making sure the override switch is in the OFF position.