

Well Test Flowhead Operation Manual

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1. Application

The Well Test Flowhead, catalogued locally as a Wellhead Control Head, is installed at the wellhead, connected with drill pipe and used to control wellhead fluid discharge.

2. Design Points

The assembly is designed with two flow paths and one reserved top channel. When required on site, the plug can be removed and the reserved channel can be connected for use.

All parts are produced according to the relevant requirements of API Spec 6A. During manufacture, each part is inspected by fluorescent magnetic particle testing, and the assembly is hydrostatically tested at the maximum working pressure of 105 MPa before shipment.

The unit is compact and light in weight, making transportation and field operation easier. The plug valve opening torque is about 190 N·m under 105 MPa pressure. The system matches the rig hoisting system well and is convenient to dismantle and maintain.

3. Technical Parameters

Model	JT2 in-105
Rated working pressure	105 MPa
Bore	2 in
Lower connection thread	NC50
Flow-path connection thread	4-1/8 in-3NATL-2G
Working temperature	-45°C to +120°C
Thread tightening torque	3000-3400 N·m

4. Maintenance

Do not dismantle the Well Test Flowhead while it is under working pressure.

After each use, rinse fully with clean water to remove possible impurities or acidic residues inside the body, then wipe dry to prevent corrosion.

Seals in associated Swivel Joint and Plug Valve components should be replaced periodically, and lubricating grease should be added as required.

Product Image

