



F-TYPE CUP TESTERS ASSEMBLIES OPERATION AND MAINTENANCE PROCEDURE REV 2 –

03/17

ASSEMBLY PROCEDURE FOR THE F-TYPE CUP TESTERS

1.0 SCOPE

- 1.1. This procedure will provide general instructions regarding assembling the F-type Cup Testers.

2.0 REFERENCES

- 2.1. The latest revision of the following specifications may be used to obtain additional information regarding this procedure.
 - ISO10424-2, latest revision
 - Bill of materials.

3.0 ASSEMBLY PROCEDURE

- 3.1. Clean Mandrel and Sub.
- 3.2. Visually inspect for signs of damage or wear.
- 3.3. Insert the V-Thread pin end of the Mandrel through the rubber until the entire V-thread protrudes beyond the metal base
- 3.4. Install the O-ring in the bottom of the V-thread cavity in the Sub.
- 3.5. The O-ring elastomer must be compatible with the drilling environment.
- 3.6. Liberally apply thread compound to the V-thread connections. It is recommended that the thread compound base should include 40% to 60% (by weight) finely powdered zinc or lead.
- 3.7. Screw the Sub into the Mandrel and make up the middle connection to the values in Table 1.1 with chain tongs or equivalent.

DISASSEMBLY PROCEDURE FOR THE F-TYPE CUP TESTERS

1.0 SCOPE

- 1.1. This procedure will provide general instructions regarding disassembly of the F-type Cup Testers

2.0 REFERENCES

- 2.1. The latest revision of the following specifications may be used to obtain additional information regarding this procedure.
 - ISO 10424-2, latest revision
 - Bill of materials.

3.0 DISASSEMBLY PROCEDURE

- 3.1. Break the connection between the Sub and the Mandrel.
- 3.2. Remove the O-ring from the sub pocket.
- 3.3. Remove the molded Cup.
- 3.4. Inspect components for wear or damage.
- 3.5. Thoroughly clean all parts. Worn or damaged parts and (“O” ring) should be replaced prior to re-assembly.
- 3.6. Replace the Thread protectors on both end connections when assembly is not in use.

Mandrel/Sub	End Connections	Middle Connection Make up Torque (ft-lbs)
P30603/04	4-1/2 IF	3,295
P30595/96	3-1/2 IF	2,385
P30589/90	2-3/8 IF	2,000

Table1.1

**PREPARING THE F-TYPE CUP TESTERS FOR
INSTALLATION**

1.0 SCOPE

- 1.1. This procedure will provide general instructions regarding installation of the F-type Cup Testers.

2.0 REFERENCES

- 2.1. The latest revision of the following specifications may be used to obtain additional information regarding this procedure.
- API Specification 7-2 for M&S Threading
 - Bill of materials.

3.0 INSTALLATION PROCEDURE

- 3.1. Clean thread dope from threaded connections and apply thread dope suitable for drill string use.
- 3.2. Recommended: Dope base to include 40% to 60% (by weight) finely powdered zinc or lead.
- 3.3. Screw the cup tester assembly to the drill string using appropriate make up torque
- 3.4. Apply grease on the outside of the cup
- 3.5. Lower the cup into the casing below the wellhead for pressure test

NOTE: Failure to follow the above procedure explicitly may result in damage and subsequent premature cup failure.



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