



**F-TYPE CUP TESTERS ASSEMBLIES
OPERATION AND MAINTENANCE PROCEDURE REV 1 –**

06/05

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.

- Packard Quality Procedures Manual.
- API Specification 7-2 for M&S Threading
- Bill of materials.

3.0 ASSEMBLY PROCEDURE

- 3.1. Clean Mandrel and Sub.
- 3.2. Visually Inspect for sign of damage or wear.
- 3.3. Install molded cup metal end down over the V-Thread pin end of the Mandrel. "Metal insert will be supported by the sub shoulder"
- 3.4. Install "O" ring in the sub pocket.
- 3.5. "O" ring elastomer must be compatible with the environment.
- 3.6. Apply thread dope to connections. Recommended: Dope base to 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.

- Packard Quality Procedures Manual.
- API Specification 7-2 for M&S Threading
- 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. Wore or damaged parts and ("O" ring) should be replaced prior to re-assembly.
- 3.6. Replace the Thread protectors on both end connection 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

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.

- Packard Quality Procedures Manual.
- API Specification 7-2 for M&S Threading
- Bill of materials.

3.0 INSTALLATION PROCEDURE

- 3.1. Clean shipping thread dope from threaded connections and
- 3.2. Apply thread dope suitable for drill string use.
- 3.3. Recommended: Dope base to include 40% to 60% (by weight)
- 3.4. Finely powdered zinc or lead.

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



ISO9001:2008 # 0163 API # 7-1-0207