

MAINTENANCE INSTRUCTIONS FOR TE STYLE TOP FITTINGS

Scope

The purpose of this document is to outline the recommended inspection and requalification criteria for the Salco Products TE family of stainless steel top fittings. The fittings can either be castings or welded fabrications. An example of the typical assembly can be seen in Figure 1.

Recommended Inspection Criteria

1. Cap and flange should be disassembled and gaskets should be removed.
2. Cap chain and swivel link should be present and should rotate freely on cap.
3. Visually inspect cap for any obvious external damage or defects.
4. Inspect cap hex or wrench interface for excessive wear and rounding.
5. Inspect cap threads and use appropriate plug gauge if possible. Cap threads should operate smoothly and be free of any burrs or gouges.
6. Visually inspect the flanged adapter for any external damage or defects.
7. Inspect the sealing surface of the flange and verify that it is clean and free of any damage or defect that would prevent a seal.
8. Inspect the male straight threads and the male NPT threads. Use appropriate ring gauges if possible. Straight threads should operate smoothly and be free of any burrs or gouges. NPT threads should be present and complete without any gouged or damaged sections.
9. If the flange is a welded fabrication, a liquid dye penetrant test should be performed on the weld per your company's procedure.
10. Cast flanges will be inspected during the bench test of the complete assembly.
11. Cap and flange should be reassembled with new gaskets.
12. Bench test the assembly per your company's leak test procedure.
13. Any damage or failures noted during the above inspection should be reported to the equipment owner for disposition.
14. Assemblies can be returned to service upon successful inspection and requalification.



Figure 1. – Typical Top Fitting Assembly