PARKER PRODUCT NOTICE

Parker Hannifin Corporation Instrumentation Products Division

Standard Cleaning and Packaging

1. Scope

This document describes an overview of the standard cleaning and packaging procedures utilized by the Instrumentation Products Division locations headquartered in Huntsville, AL.

2. Cleaning and Passivation – 316 Stainless Steel*

2.1 The following outlines the standard sequence for the cleaning and passivation of Parker's type 316 Stainless Steel Instrumentation fittings and valve components. All cleaning and passivation steps are performed in accordance with internal procedures and instructions. These steps occur after all machining operations are completed.

2.1.1 Cleaning and Passivation

- Aqueous Wash
- Rinse
- Passivation (Citric Acid)
- Rinse
- Dry

Definition: Passivation – Chemical treatment of the surface to improve resistance to corrosive environments.

* Excludes Phoenix Product Line, which does not undergo passivation and subsequent rinsing.

3. Cleaning – Brass

3.1 The following outlines the standard sequence for the cleaning performed on Parker's brass Instrumentation fittings and valve components. All steps are performed in accordance with internal procedures and instructions. These steps occur after all machining operations are completed. Where appropriate, Parker products may undergo a brass bright dip operation followed by a rinse and dry operation.

3.1.1 Cleaning

- Aqueous Wash
- Rinse
- Dry

4. Inspection

4.1 Parts shall be inspected in accordance with Parker Quality Operating Procedures.

5. Packaging

5.1 The following outlines the standard packaging procedures for our Instrumentation valves and fittings.

5.1.1 Cap all unprotected male threads.

5.1.2 Package in intermediate cartons. Box quantity varies by part number.

5.1.3 Protection in cartons for shipping.