



Standard/Specification

Standard Product Cleaning

Scope

This document describes the requirements and practices used in cleaning and handling standard SSP products.

Requirements

Ensure the absence of oil, grease and other surface contaminants such as dirt, minerals, burrs or discoloration prior to assembly and shipping. Products shall be assembled and lubricated according to product specifications.

Cleaning Practices

All components, parts or products are thoroughly cleaned in order to remove any subsequent manufacturing dirt, oil and grease, stains, burrs, loose particles, and spots of any kind, which might remain after processing.

Cleaning Process

Standard cleaning is a 5-stage, 24 minute process.

Stage 1. Prewash. Parts are inspected, racked and soaked in a 170°F agitating bath of Emerald HD2 cleaning solution for a period of two minutes. Batches with excessive oil or grease are soaked for a longer period of time. From the prewash, parts are placed in a Magnus 4 stage immersion automatic washer/dryer.

Stage 2. Washing in a bath of 170°F Emerald HD2.

Stage 3. First Rinse

Stage 4. Second Rinse

Stage 5. Parts are dried using 165°F circulating air.

Post Cleaning

Part are inspected prior to assembly and packaging. Brass components are chemically treated by immersion in a solution to remove stains and tarnish from exterior surfaces and leave a bright clean surface. Cleaned components are protected during storage.