

Certificate of Conformance SIFCO Process Solution

The solution identified below has been tested under controlled conditions and found to meet SIFCO Applied Surface Concepts specifications and Quality Assurance standards. This product does not contain, nor has it been contaminated with metallic mercury or mercury compounds. SIFCO ASC, LLC is a mercury free facility.

This product is free from all foreign materials that could result in foreign object damage to the equipment or process.

Capability of Meeting Specifications

This solution meets the requirements for: MIL-STD-865D, AMS2451/4C, ASTM F519-13, ASTM B117-16, BAC5854L, DPS9.89P, DPM5815-3 & PS13113F.

Product Code	5070
Product Description	Cadmium LHE®
Batch Number	1803083
Test Requirement	Actual Value
Specimen Type	2a rings per ASTM F519 Lot # 70642 Sensitivity Pass Date: 1/12/2009 Lot # 86434 Sensitivity Pass Date: 12/02/2016
pH	7.61 @ 20°C
Specific Gravity	1.257 @ 20°C
Metal Content	100.88 g/l
Hydrogen Embrittlement	CONFORMS
200 Hour Fracture Test	Pass AMS2451/4, PS13113 and BAC5854
168 Hour Fracture Test	Pass DPS 9.89
250 Hour Corrosion Test	AMS2451/4 and ASTM B117 / Lab Report # 1804-05-0193
Solution Appearance	Yellow
Solution Manufacturing Date	April 2, 2018
HE Certification Pass Date	April 11, 2018
Date of Expiration	MIL-STD-865 and AMS2451/4 Expires: April 2, 2028 BAC 5854, DPS 9.89 and PS 13113 Expires: April 11, 2019



Quality Systems Engineer

4/27/2018

Date