

## 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	<b>5070</b>
Product Description	<b>Cadmium LHE®</b>
Batch Number	<b>1810085</b>
Test Requirement	Actual Value
Specimen Type	2a rings per ASTM F519 Lot # 88224 Sensitivity Pass Date: 07/19/2018 Lot # 87105 Sensitivity Pass Date: 06/16/2017
pH	7.63 @ 20°C
Specific Gravity	1.257 @ 20°C
Metal Content	100.71 g/l
Hydrogen Embrittlement	CONFORMS
200 Hour Fracture Test	Pass AMS2451/4, PS13113 and BAC5854
168 Hour Fracture Test	Pass DPS 9.89
Solution Appearance	Yellow
Solution Manufacturing Date	October 29, 2018
HE Certification Pass Date	November 8, 2018
Date of Expiration	MIL-STD-865 and AMS2451/4 October 29, 2028 BAC 5854, DPS 9.89 and PS 13113 Expires: November 8, 2019



Quality Systems Engineer

11/08/2018

Date