

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

When properly selected and applied, this solution will meet LGPS1102. This solution meets the requirements for: MIL-STD-865E, AMS2451/4E, ASTM B117-19, ASTM F519-18, BAC5854M, DPS9.89P & PS 13113F.

	Product Code	2023
	Product Description	Cadmium No-Bake
	Batch Number	2210168
	Test Requirement	Actual Value
	Specimen Type	1a1 Notch Bars per ASTM F519 Lot # 45H Sensitivity Pass Date: 07/06/2022 Notched Specimens per BAC5144 Lot # 164439-1-1 P Sensitivity Pass Date: 11/01/2021 Lot # 057093 Sensitivity Pass Date: 09/22/2020 2a rings per ASTM F519 Lot # 93117 Sensitivity Pass Date: 01/06/2022
	pH	11.06 pH
	Specific Gravity	1.161 Specific Gravity
	Metal Content	100.1 Metal Content
	Hydrogen Embrittlement	CONFORMS – Lab Report #22-75979
	200 Hour Fracture Test	Pass AMS2451/4, PS13113 and BAC5854
	168 Hour Fracture Test	Pass DPS 9.89
	250 Hour Salt Spray Test	ASTMB117 and AMS2451/4 Lab Report# 2210-28-1734
	Solution Appearance	Clear
	Solution Manufacturing Date	October 26, 2022
	HE Certification Pass Date	November 5, 2022
	Recommended Shelf Life	MIL-STD-865E and AMS2451/4 Expires: October 26, 2026 BAC 5854, DPS 9.89 & PS 13113 Retest before: Nov. 5, 2023



 Quality Technician

11/21/2022

 Date