

Materials List for:

Determining the Chemical Composition of Corrosion Inhibitor/Metal Interfaces with XPS: Minimizing Post Immersion Oxidation

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Materials

Name	Company	Catalog Number	Comments
Mild steel C1010	RCSL, BAC Corrosion Control Ltd.	n/a	
Polycrystalline iron 99.99+%	Goodfellow Cambridge Ltd.	FE007948	
Silicon Carbide Grinding papers	Spectrographic Limited	T13316, T13317, T13318, T13156, T13153	
Polishing Cloth	Spectrographic Limited		
Monocrystalline Diamond compound	Spectrographic Limited	G22003	
OmegaPol TWIN 250 mm Metallurgical Polisher	Spectrographic Limited	n/a	
BRILLANT 220 - Wet Abrasive Cut-Off Machine	ATM GmbH Advanced Materialography	n/a	
Ultrasonic Bath	NICKEL-ELECTRO LTD.	SW3H	
Heat gun, D100/200 Mfg	Mar Equipment Ltd	n/a	
Vacuum Desiccator	DURAN	24 782 57	
Low form beaker 25 mL	Fisher Scientific	FB33170	
Regulator for N ₂ gas cylinders	Freshford Ltd.	MS-10B-N2	
Nitrogen Purge Glove Box	Terra Universal, Inc	n/a	
Dual Purge System	Terra Universal, Inc	1606-61	
NitroWatch System with sensor	Terra Universal, Inc	9500-00A, 9500-02A	
SEFRAM LOG 1620 Data Logger, 50000	SEFRAM	2475144 from Farnell Element14	
Big Digit Hygro-Thermometer	FLIR Commercial Systems, Inc. Extech Instruments Division	445703	
Kratos Axis Ultra	Kratos Analytical Ltd	n/a	