

PURAFIL ENVIRONMENTAL CORROSION REPORT

17-Dec-2010

Company: 116818

Sales Order #: C002726

CCC Panel #: P68802

Date In: 16-Nov-2010

Date Out: 30-Nov-2010

Days In Service: 14

Room/Area ID:
Reference #:


DO NOT TOUCH METAL COUPON

Corrosion Classification Coupon

Company 116818	
Address	
Room/Area I.D.	
Date In 11/16/10	Time In: 12²⁵ a.m. / 12 p.m.
Date Out 11/30/10	Time Out: 11³⁵ a.m. / 11 p.m.
Coupon # 68802	Tracking # 02726
Serial #	
<input type="checkbox"/> Industrial <input type="checkbox"/> ERM <input type="checkbox"/> Preservation <input type="checkbox"/> CIF	

PURAFIL
First...in clean air

2654 Weaver Way • Doraville, Georgia 30340
Ph: (770) 662-8545 • (800) 222-6367
Fx: (770) 263-6922 • www.purafil.com

CCC Panel # P68802

ISA Class G1
Mild

Copper Corrosion
165 Å/30 Days

Silver Corrosion
170 Å/30 Days

(see next page for complete analysis)

Summary for PURAFIL CCC # P68802

The electrolytic reduction analysis on Corrosion Classification Coupon #P68802 shows the presence of only very low concentrations of contaminants in the environment tested. The hydrogen sulfide level is not expected to exceed 3 ppb and the sulfur dioxide level should be less than 10 ppb. Corrosion is not a factor in determining equipment reliability in this environment.

Your local representative for additional information and assistance is:
Environmental Health and Eng
117 Fourth Avenue, Needham MA 02494, USA
tminegishi@eheinc.com

Purafil, Inc. / 2654 Weaver Way, Doraville GA 30340 USA / (770) 662-8545 / (770) 263-6922
Email: purafil@purafil.com / Internet: http://www.purafil.com

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PURAFIL CCC # P68802 Analysis Results

Corrosion Film Composition				Gold Coupon - Magnified 20x
	Projections			
	30 Days	1 Year	5 Year	
Copper Films				
Cu ₂ S	0 Å	0 Å	0 Å	
Cu ₂ O	67 Å	90 Å	118 Å	
Unknowns	98 Å	131 Å	171 Å	
Totals	165 Å	221 Å	289 Å	
Silver Films				
AgCl	0 Å	0 Å	0 Å	
Ag ₂ S	170 Å	2074 Å	10371 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	170 Å	2074 Å	10371 Å	
Gold Pore Corrosion:				
Note: 1000 Å = 0.1 micron				

Equipment Reliability Correlation
(ISA Standard S71.04-1985 for Copper)

