

PURAFIL ENVIRONMENTAL CORROSION REPORT

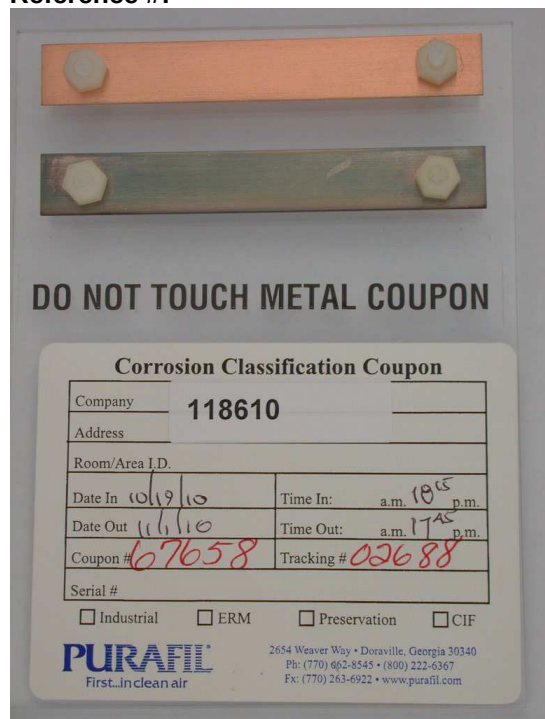
19-Nov-2010

Company: 118610

Sales Order #: C002688
CCC Panel #: P67658
Date In: 19-Oct-2010
Date Out: 01-Nov-2010
Days In Service: 13

Room/Area ID:

Reference #:



DO NOT TOUCH METAL COUPON

Corrosion Classification Coupon

Company		118610	
Address			
Room/Area I.D.			
Date In	10/19/10	Time In:	10 ⁰⁵ p.m.
Date Out	11/1/10	Time Out:	17 ⁴⁵ p.m.
Coupon #	107658	Tracking #	002688
Serial #			
☐ Industrial ☐ ERM ☐ Preservation ☐ 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 # P67658

ISA Class G2
Moderate

Copper Corrosion
492 Å/30 Days

Silver Corrosion
1804 Å/30 Days

(see next page for complete
analysis)

Summary for PURAFIL CCC # P67658

The electrolytic reduction analysis on Corrosion Classification Coupon #P67658 shows the presence of moderate concentrations of contaminants in the environment tested. The hydrogen sulfide level is expected to range between 3 and 10 ppb and the sulfur dioxide level between 10 and 100 ppb. The effects of corrosion are measurable and may be a factor in determining equipment reliability.

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>

Displaying Page 1 [Display Page 2](#)

PURAFIL CCC # P67658 Analysis Results

Corrosion Film Composition				Gold Coupon - Magnified 20x
	Projections			
	30 Days	1 Year	5 Year	
Copper Films				
Cu ₂ S	323 Å	647 Å	1106 Å	
Cu ₂ O	169 Å	338 Å	578 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	492 Å	985 Å	1684 Å	
Silver Films				
AgCl	0 Å	0 Å	0 Å	
Ag ₂ S	1804 Å	21970 Å	109848 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	1804 Å	21970 Å	109848 Å	
Gold Pore Corrosion:				
Note: 1000 Å = 0.1 micron				

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

