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PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

28-Oct-2010

Company: 115825

Room Area ID: LR

Reference #:



 Sales Order #:
 C002697

 CCC Panel #:
 P67979

 Date In:
 24-Sep-2010

 Date Out:
 07-Oct-2010

Days In Service: 13

CCC Panel # P67979

ISA Class G2 Moderate

Copper Corrosion 508 Å/30 Days

Silver Corrosion 3022 Å/30 Days

(see next page for complete analysis)

Summary for PURAFIL CCC # P67979

The electrolytic reduction analysis on Corrosion Classification Coupon #P67979 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

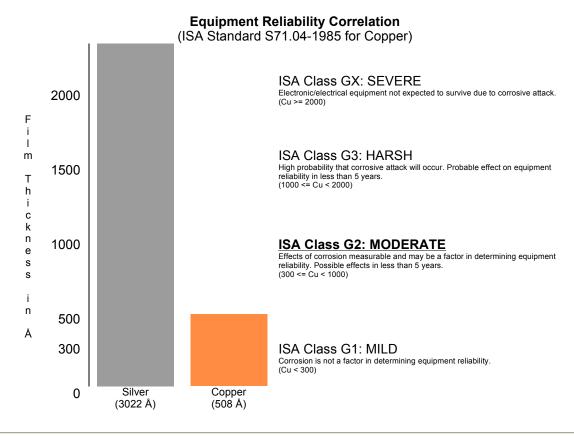
Purafil, Inc. / 2654 Weaver Way, Doraville GA 30340 USA / (770) 662-8545 / (770) 263-6922 Email: purafil@purafil.com / Internet: http://www.purafil.com

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PURAFIL CCC # P67979 Analysis Results

Corrosion Film Composition Projections				Gold Coupon - Magnified 20x
	30 Days	1 Year	5 Year	Magninea 20x
Copper Films				
Cu ₂ S	0 Å	0 Å	0 Å	
Cu ₂ O	179 Å	358 Å	612 Å	
Unknowns	329 Å	659 Å	1127 Å	
Totals	508 Å	1017 Å	1739 Å	
Silver Films				
AgCl	0 Å	0 Å	0 Å	
Ag ₂ S	3022 Å	36791 Å	183956 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	3022 Å	36791 Å	183956 Å	
Gold Pore Corrosion:				
Note: 1000 Å = 0.1 micron				



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