PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

21-Oct-2010

Company: 115711

Room Area ID: Reference #:



 Sales Order #:
 C002697

 CCC Panel #:
 P67942

 Date In:
 23-Sep-2010

 Date Out:
 07-Oct-2010

Days In Service: 14

CCC Panel # P67942

ISA Class G2 Moderate

Copper Corrosion 305 Å/30 Days

Silver Corrosion 361 Å/30 Days

(see next page for complete analysis)

Summary for PURAFIL CCC # P67942

The electrolytic reduction analysis on Corrosion Classification Coupon #P67942 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

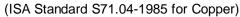
Purafil, Inc. / 2654 Weaver Way, Doraville GA 30340 USA / (770) 662-8545 / (770) 263-6922 Email: purafil@purafil.com / Internet: http://www.purafil.com

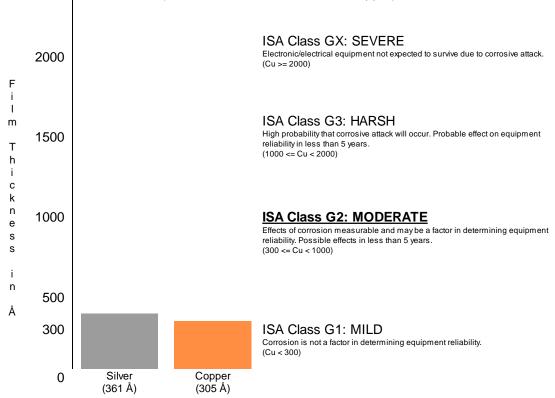
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PURAFIL CCC # P67942 Analysis Results

Corrosion Film Composition				Gold Coupon -
	30 Days	ojections <u>1 Year</u>	<u>5 Year</u>	Magnified 20x
Copper Films Cu ₂ S	o Å	0 Å	o Å	
Cu ₂ O	183 Å	244 Å	319 Å	
Unknowns	122 Å	163 Å	214 Å	
Totals	305 Å	407 Å	533 Å	
Silver Films AgCl	o Å	o Å	o Å	
Ag ₂ S	361 Å	4392 Å	21962 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	361 Å	4392 Å	21962 Å	
Gold Pore Corrosion: Note: 1000 Å = 0.1 micron				

Equipment Reliability Correlation





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