PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

28-May-2010

Company: 110536

Room Area ID: Reference #:



 Sales Order #:
 C002682

 CCC Panel #:
 P67425

 Date In:
 08-May-2010

 Date Out:
 20-May-2010

Days In Service: 12

CCC Panel # P67425

ISA Class G1 Mild

Copper Corrosion 190 Å/30 Days

Silver Corrosion 249 Å/30 Days

(see next page for complete analysis)

Summary for PURAFIL CCC # P67425

The electrolytic reduction analysis on Corrosion Classification Coupon #P67425 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

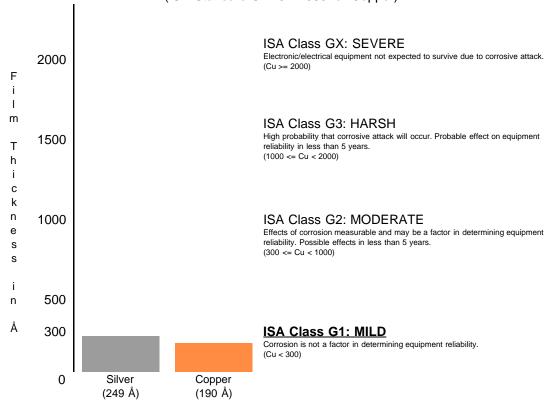
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PURAFIL CCC # P67425 Analysis Results

Corrosion Film Composition				Gold Coupon - Magnified		
	30 Days	rojections <u>1 Year</u>	<u>5 Year</u>	20x		
Copper Films	<u>00 Dayo</u>	<u>1 1001</u>	<u>0 1001</u>			
Cu ₂ S	0 Å	0 Å	0 Å			
Cu ₂ O	190 Å	247 Å	323 Å			
Unknowns	0 Å	0 Å	0 Å			
Totals	190 Å	247 Å	323 Å			
Silver Films						
AgCl	0 Å	0 Å	0 Å			
Ag ₂ S	150 Å	1822 Å	9110 Å			
Unknowns	99 Å	1209 Å	6045 Å			
Totals	249 Å	3031 Å	15155 Å			
Gold Pore Corrosion: Note: 1000 Å = 0.1 micron						



(ISA Standard S71.04-1985 for Copper)



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