PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

27-May-2010

Company: 110507

Room Area ID: Reference #:



 Sales Order #:
 C002682

 CCC Panel #:
 P67418

 Date In:
 05-May-2010

 Date Out:
 19-May-2010

Days In Service: 14

CCC Panel # P67418

ISA Class G1 Mild

Copper Corrosion 261 Å/30 Days

Silver Corrosion 255 Å/30 Days

(see next page for complete analysis)

Summary for PURAFIL CCC # P67418

The electrolytic reduction analysis on Corrosion Classification Coupon #P67418 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:

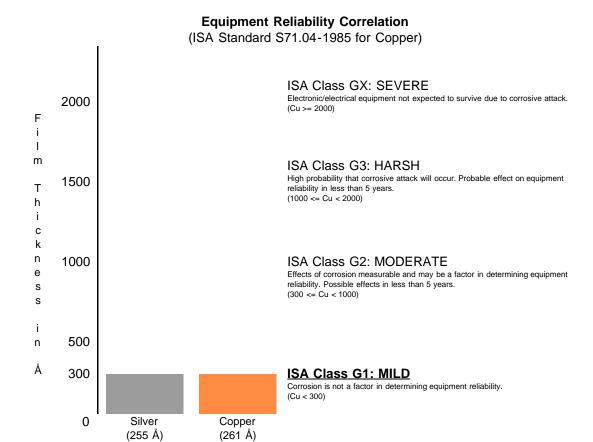
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PURAFIL CCC # P67418 Analysis Results

Corrosion Film Composition				Gold Coupon - Magnified
	Р <u>30 Days</u>	rojections	5 Voor	20x
Copper Films	30 Days	<u>1 Year</u>	<u>5 Year</u>	
Cu ₂ S	0 Å	0 Å	0 Å	
Cu ₂ O	261 Å	349 Å	456 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	261 Å	349 Å	456 Å	
Silver Films				
AgCl	0 Å	0 Å	0 Å	
Ag ₂ S	140 Å	1708 Å	8541 Å	
Unknowns	115 Å	1400 Å	7002 Å	
Totals	255 Å	3108 Å	15543 Å	
Gold Pore Corrosion: Note: 1000 Å = 0.1 micron				



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