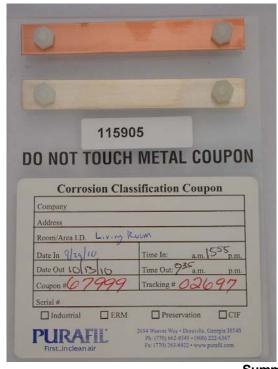
PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

21-Oct-2010

Company: 115905

Room Area ID: Living Room

Reference #:



 Sales Order #:
 C002697

 CCC Panel #:
 P67999

 Date In:
 29-Sep-2010

 Date Out:
 13-Oct-2010

Days In Service: 14

CCC Panel # P67999

ISA Class G2 Moderate

Copper Corrosion 362 Å/30 Days

Silver Corrosion 415 Å/30 Days

(see next page for complete analysis)

Summary for PURAFIL CCC # P67999

The electrolytic reduction analysis on Corrosion Classification Coupon #P67999 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

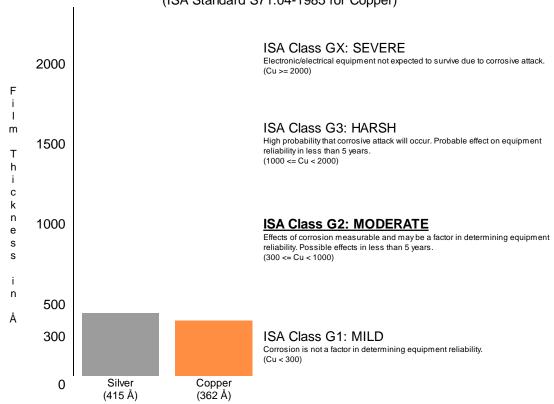
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PURAFIL CCC # P67999 Analysis Results

Corrosion Film Composition				Gold Coupon -
	30 Days	Projections <u>1 Year</u>	5 Year	Magnified 20x
Copper Films Cu ₂ S	o Å	o Å	0 Å	
Cu ₂ O	303 Å	405 Å	530 Å	
Unknowns	59 Å	79 Å	104 Å	
Totals	362 Å	484 Å	634 Å	
Silver Films	o Å	0 Å	0 Å	
AgCI Ag ₂ S	415 Å	5051 Å	25256 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	415 Å	5051 Å	25256 Å	
Gold Pore Corrosion: Note: 1000 Å = 0.1 micron				

Equipment Reliability Correlation

(ISA Standard S71.04-1985 for Copper)



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