## PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

		22-Oct-2010			
Company:	116128		Sales Order #:	C002697	
			CCC Panel #:	P67930	
			Date In:	21-Sep-2010	
Room Area ID:			Date Out:	05-Oct-2010	
Reference #:			Days In Service:	14	
0			CCC Panel # P67930 ISA Class G1		
the second s			Mild		
and the second second			202 Å Silver	• <b>Corrosion</b> \/30 Days <b>Corrosion</b> \/30 Days	
Date In 9/21/10 Date Out 6/5/10 Coupon #6 7930 Serial #	Time In: $a.m. (H^{\infty})_{p.m.}$ Time Out: $a.m. (G)(0 p.m.)$ Tracking # 02697   M Preservation		(see next page fo	or complete analysis)	
PURAFIL	2654 Weaver Way + Donwille, Georgin 30340 Ph: (770) 662:3545 + (800) 222-8367 Fix: (770) 263-6922 • www.puralil.com				
	Sum	marv for PURAFIL CCC # P67930			

The electrolytic reduction analysis on Corrosion Classification Coupon #P67930 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. During the test period, corrosion, as shown by the copper coupon, is not a factor in determining equipment reliability.

Please note: Copper's reactivity is sensitive to temperature and relative humidity and can therefore exhibit seasonal variation. For example, below 30% relative humidity (typical for heated indoor air in winter), copper readings will be dramatically reduced. However, silver's reactivity is not affected by temperature and relative humidity. Due to the elevated level of film growth on the silver coupon, corrosion may be a factor in determining equipment reliability; continued monitoring is recommended.

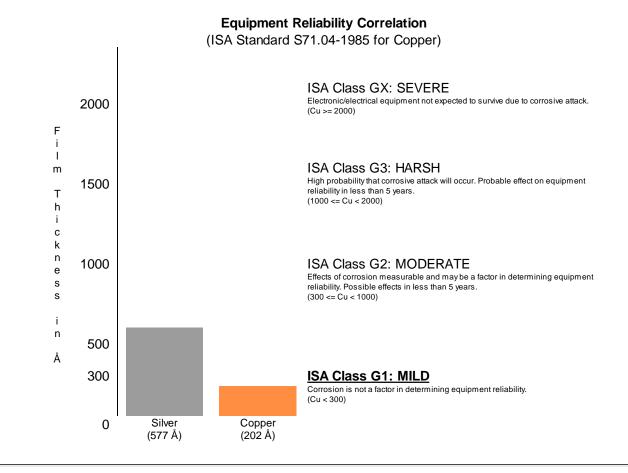
Your local representative for additional information and assistance is: Environmental Health and Eng 117 Fourth Avenue, Needham MA 02494, USA tminegishi@eheinc.com

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	Gold Coupon - Magnified 20x			
	<u>30 Days</u>	Projections <u>1 Year</u>	<u>5 Year</u>	Wagiinea 20x
Copper Films Cu <sub>2</sub> S	0 Å	0 Å	0 Å	
Cu <sub>2</sub> O	202 Å	270 Å	353 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	202 Å	270 Å	353 Å	
Silver Films	<b>.</b> *	0 Å	o Å	
AgCl	0 Å	0 Å	0 Å	
Ag <sub>2</sub> S	577 Å	7028 Å	35139 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	577 Å	7028 Å	35139 Å	
<b>Gold Pore Corrosion:</b> Note: 1000 Å = 0.1 micron				

## PURAFIL CCC # P67930 Analysis Results



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