PURAFIL ENVIRONMENTAL CORROSIVITY REPORT

		21-Oct-2010		
Company:	115907		Sales Order #:	C002687
			CCC Panel #:	P67633
			Date In:	29-Sep-2010
Room Area ID:	Master Bed		Date Out:	13-Oct-2010
Reference #:			Days In Service:	14
			CCC Par	el # P67633
			ISA Class G1 Mild	
				Corrosion /30 Days
				Corrosion /30 Days
		Summary for PURAFIL CCC # P67633	(see next page fo	r complete analysis)

The electrolytic reduction analysis on Corrosion Classification Coupon #P67633 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.

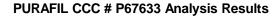
Please note: Copper's reactivity is sensitive to temperature and relative humidity and can therefore exhibit seasonal variation. For example, below 30% relative humidity (typical for heated indoor air in winter), copper readings will be dramatically reduced. However, silver's reactivity is not affected 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.

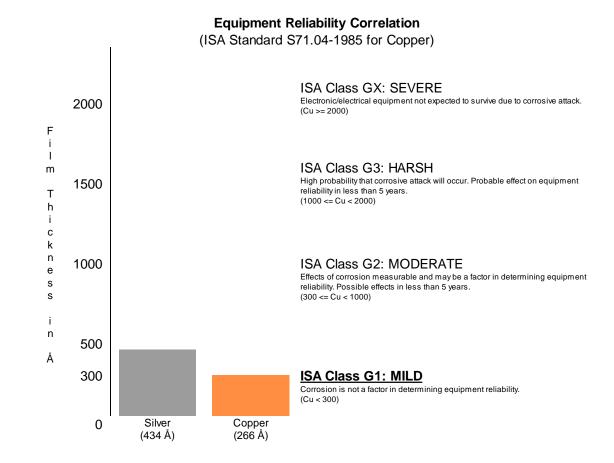
Your local representative for additional information and assistance is: Environmental Health and Eng 117 Fourth Avenue, Needham MA 02494, USA tminegishi@eheinc.com

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	Gold Coupon - Magnified 20x			
	30 Days	Projections <u>1 Year</u>	<u>5 Year</u>	magrimea 20x
Copper Films Cu ₂ S	0 Å	0 Å	0 Å	
Cu ₂ O	266 Å	356 Å	465 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	266 Å	356 Å	465 Å	
Silver Films	• ¹	0 Å	o 1	
AgCI	0 Å	0 Å	0 Å	
Ag ₂ S	434 Å	5283 Å	26416 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	434 Å	5283 Å	26416 Å	
Gold Pore Corrosion: Note: 1000 Å = 0.1 micron				





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