## **PURAFIL ENVIRONMENTAL CORROSIVITY REPORT**

		22-Oct-2010			
mpany:	115389		Sales Order #:	C002687	
			CCC Panel #:	P67638	
			Date In:	20-Sep-2010	
om Area ID:			Date Out:	05-Oct-2010	
erence #:			Days In Service:	15	
0			ISA C	el # P67638 lass G2 derate	
DO 115389 TAL COUPON Corrosion Classification Coupon			Copper Corrosion 317 Å/30 Days		
Company			Silver	Corrosion	
Address Room/Area I.D. Living	Rom				
Room/Area I.D. C14149 Date In 9/20/10 Date Out 10/5/10 Coupon #07638 Serial # Industrial ER3 PURAFIE First_Inclean air	Time In: 16:558am. p.m. Time Out: 17:558am. p.m. Tracking # ODC 87		1	r complete analysis	
	Sumr	nary for PURAFIL CCC # P67638			

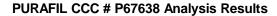
The electrolytic reduction analysis on Corrosion Classification Coupon #P67638 shows the presence of moderate concentrations of contaminants in the environment tested. The hydrogen sulfide level is expected to range between 3 and 10 ppb and the sulfur dioxide level between 10 and 100 ppb. The effects of corrosion are measurable and may be a factor in determining equipment reliability.

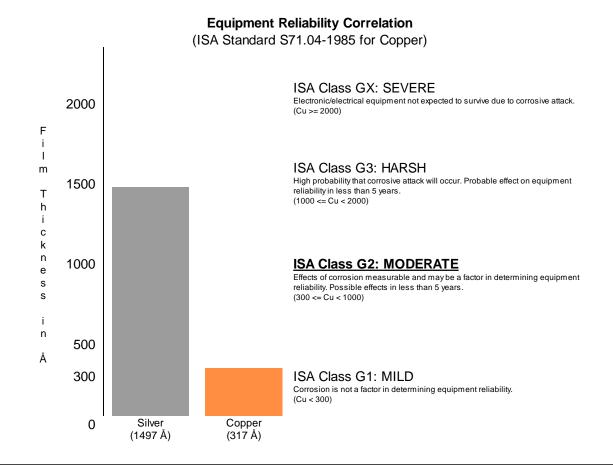
Your local representative for additional information and assistance is: Environmental Health and Eng 117 Fourth Avenue, Needham MA 02494, USA tminegishi@eheinc.com

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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	Gold Coupon -			
	30 Days	Projections <u>1 Year</u>	<u>5 Year</u>	Magnified 20x
Copper Films Cu <sub>2</sub> S	230 Å	311 Å	406 Å	
Cu <sub>2</sub> O	87 Å	118 Å	154 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	317 Å	429 Å	560 Å	
Silver Films	с <sup>8</sup>	- <sup>1</sup>	- <sup>8</sup>	
AgCI	0 Å	0 Å	0 Å	
Ag <sub>2</sub> S	1497 Å	18220 Å	91102 Å	
Unknowns	0 Å	0 Å	0 Å	
Totals	1497 Å	18220 Å	91102 Å	
<b>Gold Pore Corrosion:</b> Note: 1000 Å = 0.1 micron				





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