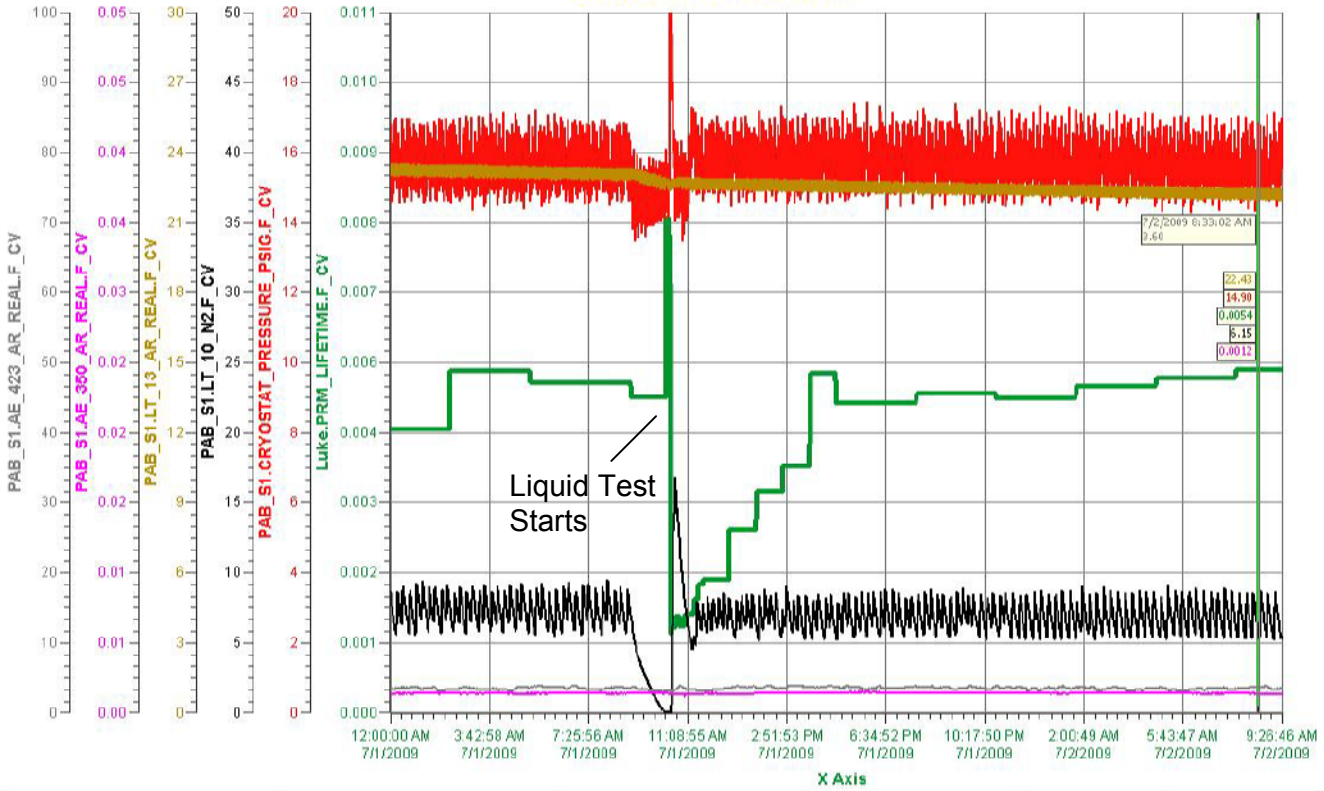
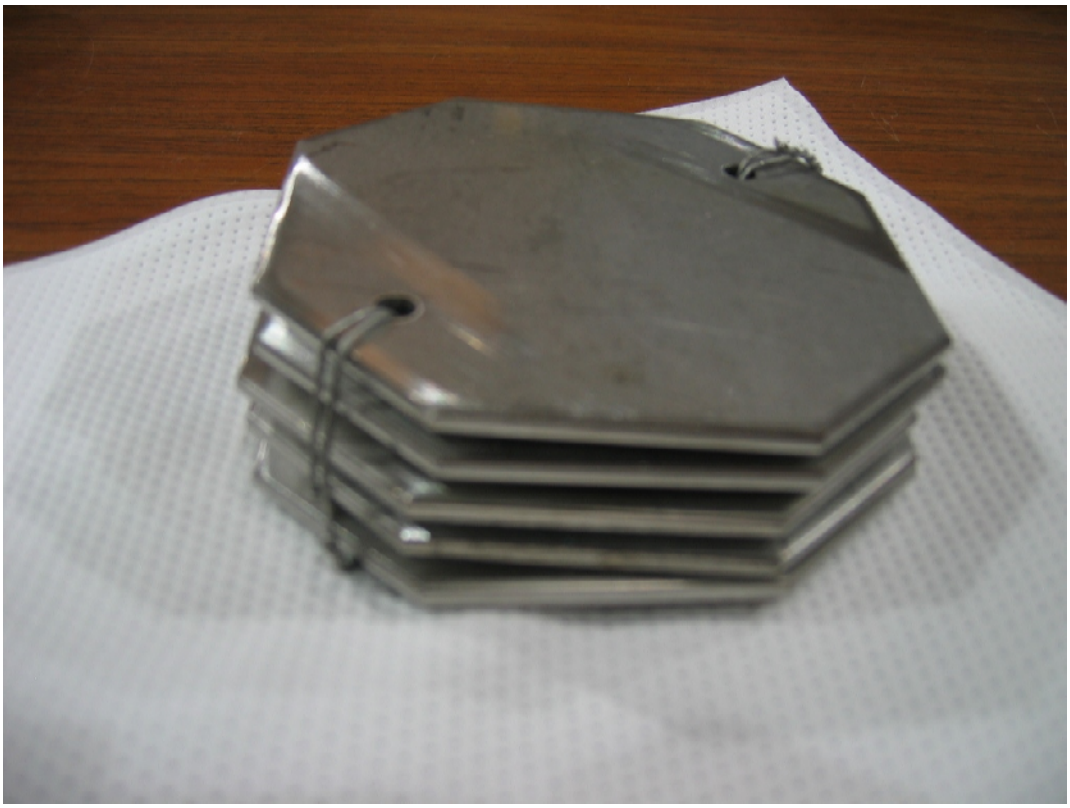
PAB Materials Test System	
Date of Receipt	8/14/2009
Sample Name/Description	Cleaning Solution, SET #965, Crown Chemical Inc.
Sample	
Composition:	Butyl 111-76-2, Silicic acid (H2SiO3), disodium salt: 6834-92-0
Picture Location:	elog 7/2/09
Density:	x
Weight:	x
Dimensions/Area:	cleaned with solution exposed area is 814cm2 (126inch2)
Source:	Richard Schmitt
Preparation:	5 stainless steel plates and stainless wire were cleaned using cleaning solution per Rich Schmitt procedure for LAPD
Submerging in LAr or LH2	x
Zero Test	done on 6/29/09, lifetime didn't change
Time in the airlock(hrs)	app. 24h
Purge:	
Vacuum:	6/30/2009, app. 24hrs
Vapor Test 1	
Start Time/Date, End Time/Date :	7/2/09 10:30am, 7/6/09
PrM run # :	5344
Condenser state:	on
Filter state:	on
O2 reading:	0.01ppb
H2O reading:	2.5-3.2ppb
Temperature:	
Lifetime:	5.4ms before moving from LAr, 8.3ms 1hr after, 6ms 4 days after
Vapor Test 2	x
Start Time/Date, End Time/Date :	
PrM run # :	
Condenser state:	
Filter state:	
O2 reading:	
H20 reading:	
Temperature:	
Lifetime:	
Liquid Test	
Start Time/Date, End Time/Date :	7/1/09 10:00am, 7/2/09 10:30am
PrM run # :	5323
Condenser state:	on
Filter state/settings:	on
O2 reading:	1ppb
H20 reading:	3-3.6ppb
Temperature:	95K
Lifetime:	5ms before submerge, 1.2ms 2min after, 5ms after 5hrs
Liquid level :	
Results & Comments	Lifetime recovered in approximately 5 hours
	plot is in elog #950

LUKE HISTORICAL DATA



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00538	sec	0.00776	0.00124
PAB_S1.CRYOSTAT_PRESSURE...	Luke Vapor Pressure	14.90	psig	21.48	13.44
PAB_S1.LT_10_N2.F_CV	Luke Condenser LN2 Level Probe (F_...	6.15	inches	16.76	-0.03
PAB_S1.LT_13_AR_REAL.F_CV	Luke Argon Level Probe	22.43	inches	23.54	21.90
PAB_S1.AE_350_AR_REAL.F_CV	Nano Trace oxygen analyzer output (F_...	0.001	ppm	0.001	0.001
PAB_S1.AE_423_AR_REAL.F_CV	HALO H2O meter (F_CV)	3.60	ppb	3.78	2.93

7/2/2009 1:30:06 AM | 8 Hours Ago | Current | 7/2/2009 9:30:06 AM