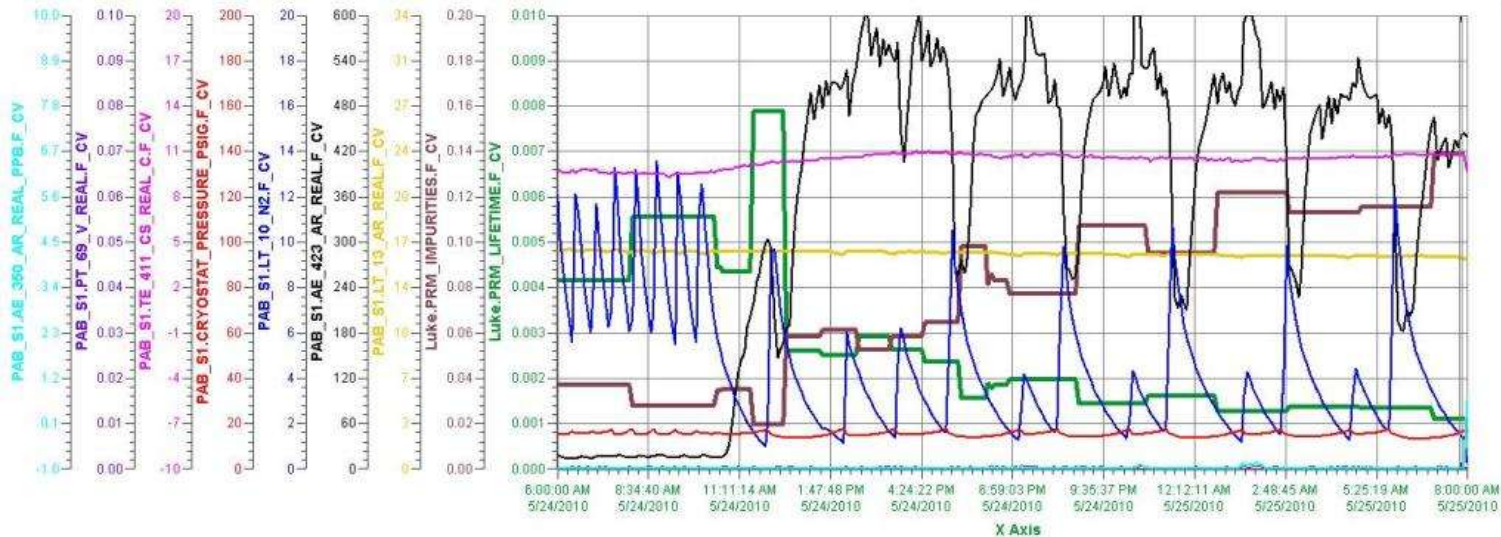


PAB Materials Test System

Date of Receipt	6/3/10, logbook entry #1278
Sample Name/Description	Polyethylene Tubing
Sample	Composition: polyethylene
	Picture Location:
	Weight: 38 g
	Dimensions/Area: length=1070 mm OD=3.2mm ID =2mm
	Source: Hans Jostlein
	Preparation: cleaned with alcohol
Submerging in LAR	no
Zero Test	x
Time in the airlock(hrs)	total 72 h
	Purge: 5/22/10 64 h from the bottle, 2 h from Luke
	Vacuum: 5/22/10 6 h
Room Temperature	Start Time/Date, End Time/Date : 5/24/10 10:34 am, 5/25 2:00 pm
	PrM run # : 8711
	Condenser state: on
	Filter state: off
	O2 reading: increased by 0.4 ppb
	H2O reading: 300-500 ppb
	Temperature: room
	Lifetime: 1 ms, (3 ms after first 2 h)
Vapor Test	x
Liquid Test	x
Results & Comments	Polyethylene Tubing will not be used in LAPD



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
LUKE_PRM_LIFETIME.F_CV	LUKE_PRM_LIFETIME.F_CV	0.00109	sec	0.00793	0.00109
LUKE_PRM_IMPURITIES.F_CV	LUKE_PRM_IMPURITIES.F_CV	0.1380	imps	0.1380	0.0192
PAB_S1_LT_13_AR_REAL_F_CV	LUKE Argon Level Probe	15.8	inches	16.4	15.8
PAB_S1_AE_423_AR_REAL_F_CV	HALO H2O meter (F_CV)	440.5	ppb	663.9	12.8
PAB_S1_LT_10_N2.F_CV	LUKE Condenser LN2 Level Probe (F_CV)	1.5	inches	13.6	0.2
PAB_S1_CRYOSTAT_PRESSURE_PSI..	LUKE Vapor Pressure	15.8	psig	17.2	13.1
PAB_S1_TE_411_CS_REAL_C.F_CV	TC on Luke top flange (F_CV)	10.7	C	11.0	9.3
PAB_S1_PT_69_V_REAL_F_CV	Seal Monitor Vacuum	0.0001	Torr	0.0007	0.0001
PAB_S1_AE_360_AR_REAL_PPB.F_CV	ppb version for plotting (F_CV)	-1.1	ppb	0.6	-1.7