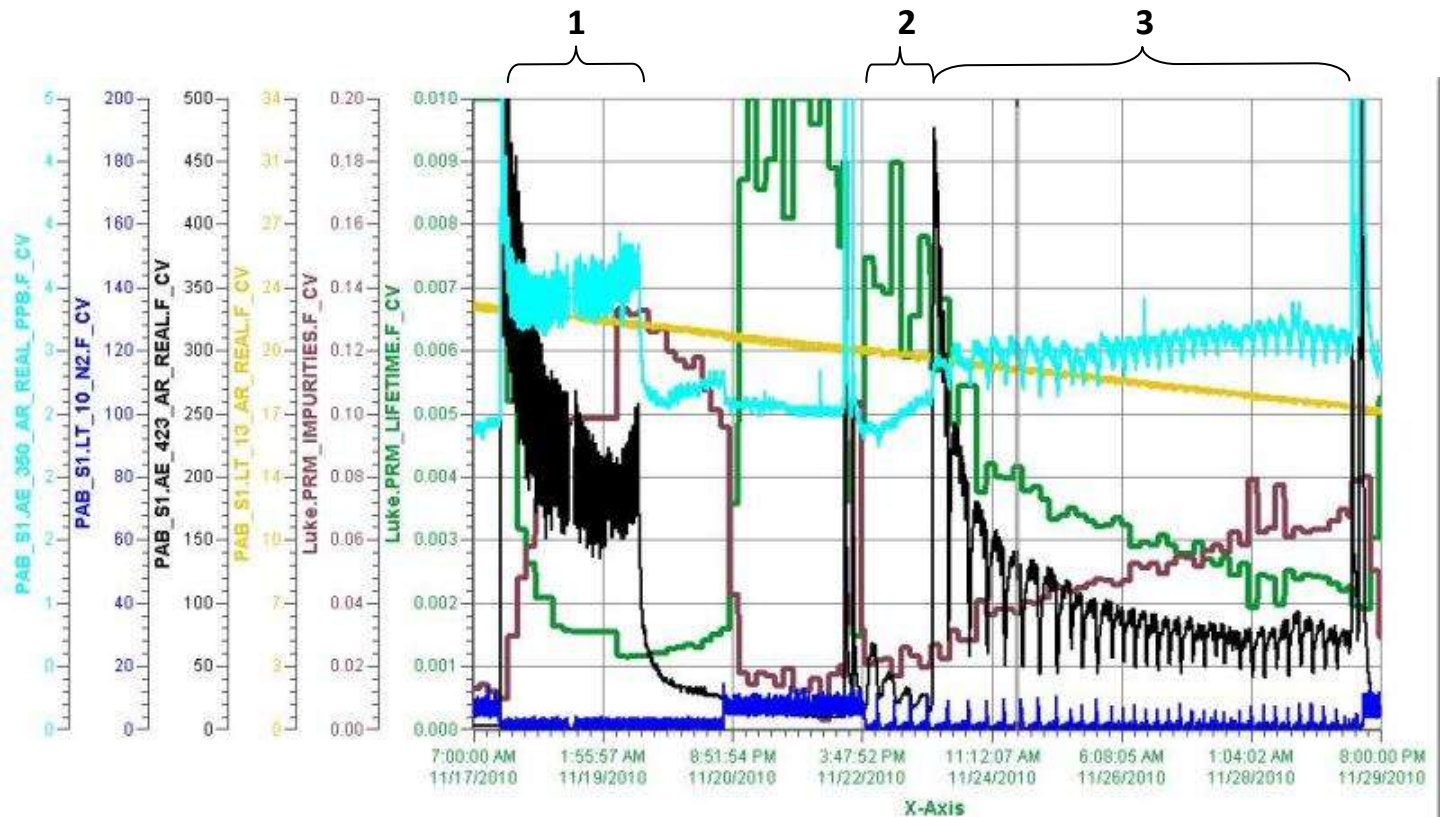


FR4 Test 11/16/2010 – 11/29/2010

This sample wasn't baked.

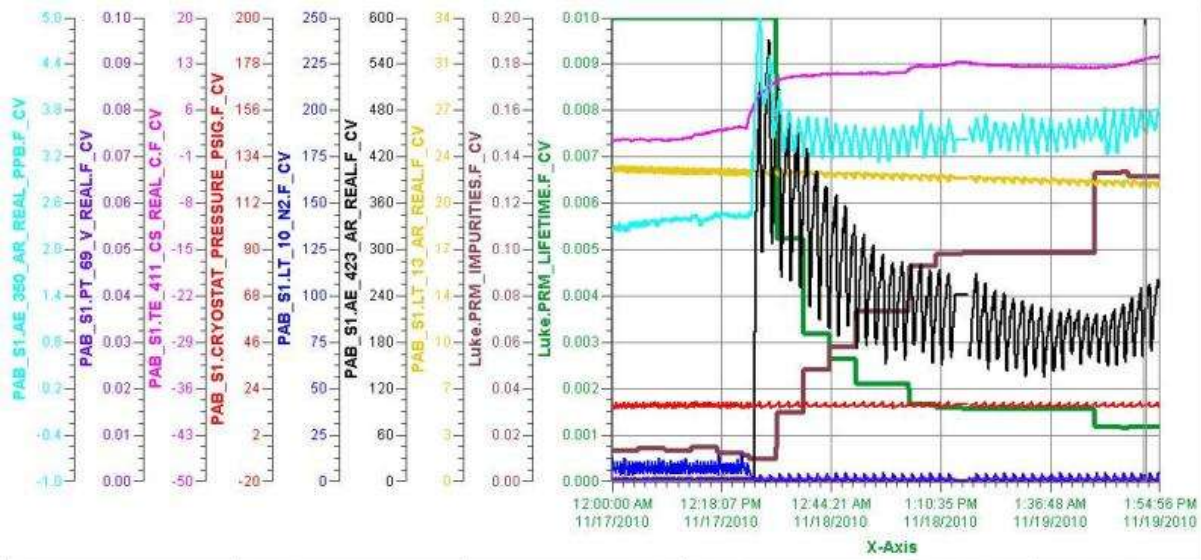
1. Room temperature test.
2. Liquid test.
3. Vapor test.



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
— Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00414	sec	0.05478	0.00113
— Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0363	imps	0.1324	0.0027
— PAB_S1.LT.13.AR.REAL.F_CV	Luke Argon Level Probe	19.5	inches	22.9	17.0
— PAB_S1.AE.423.AR.REAL.F_CV	HALO H2O meter (F_CV)	132.0	ppb	1,645.3	1.5
— PAB_S1.LT.10.N2.F_CV	Luke Condenser LN2 Level Pro...	-0.0	inches	14.3	-0.0
— PAB_S1.AE.350.AR.REAL.F_CV	ppb version for plotting (F_CV)	3.0	ppb	42.9	2.2

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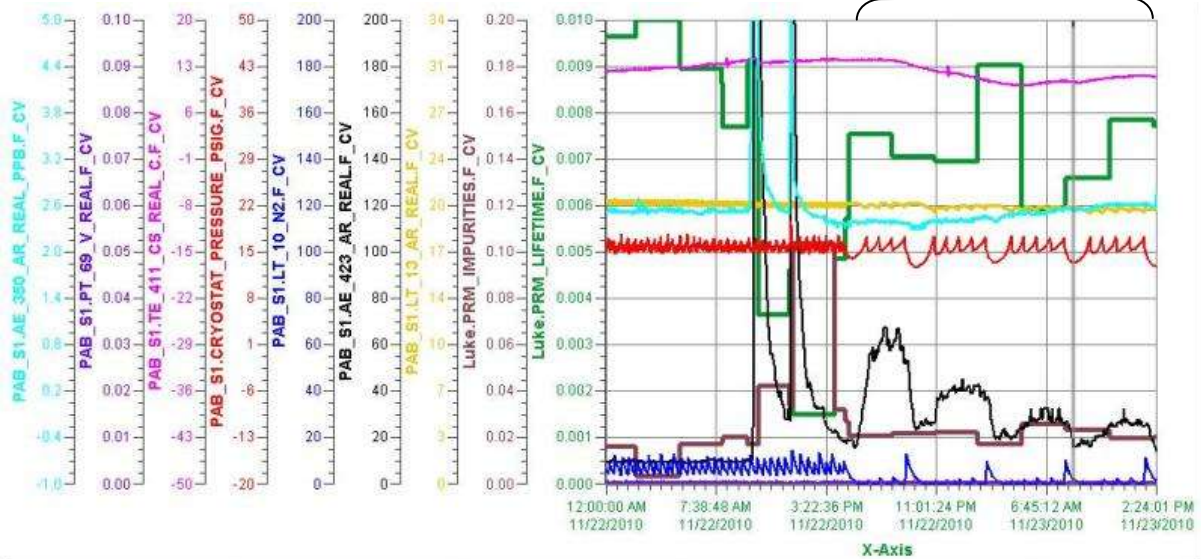
1. Room temperature test.



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00115	sec	0.01808	0.00113
Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.1305	Imps	0.1324	0.0093
PAB_S1.LT_13.AR.REAL	Luke Argon Level Probe	21.9	inches	23.1	21.6
PAB_S1.AE_423.AR.REA..	HALO H2O meter (F_CV)	198.4	ppb	571.6	1.5
PAB_S1.LT_10.N2.F_CV	Luke Condenser LN2 Level Pro...	0.9	inches	14.3	-0.0
PAB_S1.CRYOSTAT_PRE..	Luke Vapor Pressure	15.4	psig	17.4	13.9
PAB_S1.TE_411_CS.REA..	TC on Luke top flange (F_CV)	13.7	C	14.1	1.2
PAB_S1.PT_89_V.REAL.F...	Seal Monitor Vacuum	0.0001	Torr	0.0010	0.0001
PAB_S1.AE_350.AR.REA	ppb version for plotting (F_CV)	3.5	ppb	5.2	2.2

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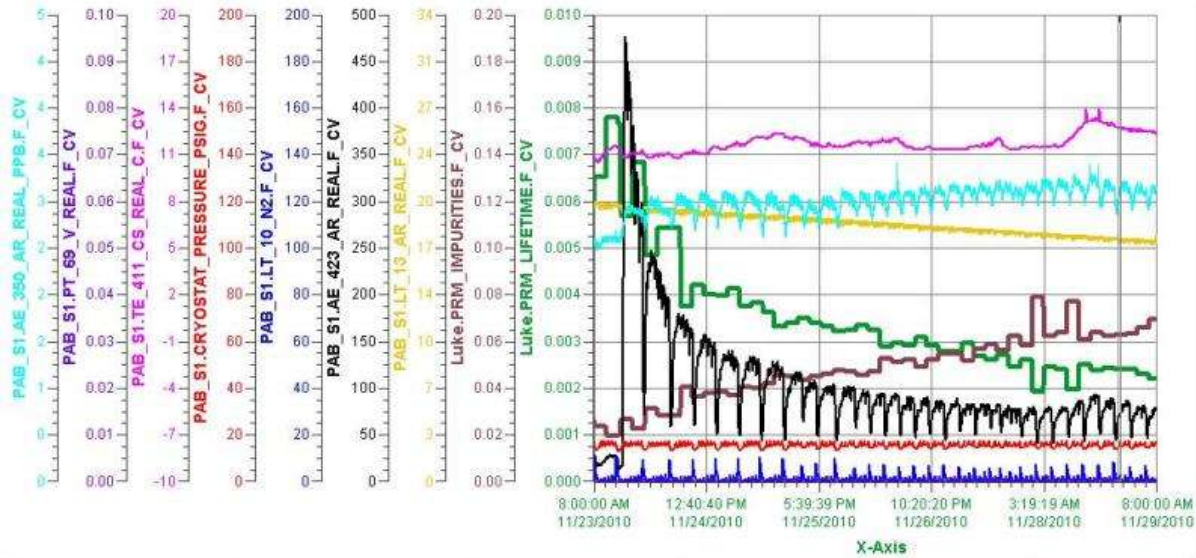
2. Liquid test.



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00853	sec	0.05478	0.00148
Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0230	Imps	0.1026	0.0027
PAB_S1.LT_13.AR.REAL	Luke Argon Level Probe	20.3	inches	20.8	19.8
PAB_S1.AE_423.AR.REA..	HALO H2O meter (F_CV)	19.0	ppb	1,198.9	8.4
PAB_S1.LT_10.N2.F_CV	Luke Condenser LN2 Level Pro...	2.3	inches	14.1	-0.0
PAB_S1.CRYOSTAT_PRE..	Luke Vapor Pressure	13.3	psig	19.5	12.8
PAB_S1.TE_411_CS.REA..	TC on Luke top flange (F_CV)	10.6	C	14.3	10.0
PAB_S1.PT_89_V.REAL.F...	Seal Monitor Vacuum	0.0001	Torr	0.0007	0.0001
PAB_S1.AE_350.AR.REA	ppb version for plotting (F_CV)	2.6	ppb	9.4	2.3

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3. Vapor test.



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
— Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00240	sec	0.00780	0.00191
— Luke.PRM_IMPURITIES.F...	Luke.PRM_IMPURITIES.F_CV	0.0625	imps	0.0786	0.0192
— PAB_S1_LT_13_AR_REAL...	Luke Argon Level Probe	17.6	inches	20.3	17.3
— PAB_S1_AE_423_AR_REA...	HALO H2O meter (F_CV)	69.5	ppb	476.9	12.2
— PAB_S1_LT_10_N2.F_CV	Luke Condenser LN2 Level Pro...	-0.0	inches	11.3	-0.0
— PAB_S1_CRYOSTAT_PRE...	Luke Vapor Pressure	14.7	psig	17.3	12.8
— PAB_S1_TE_411_CS_REA...	TC on Luke top flange (F_CV)	12.7	C	14.0	10.5
— PAB_S1_PT_69_V_REALF...	Seal Monitor Vacuum	0.0002	Torr	0.0007	0.0001
— PAB_S1_AE_350_AR_REA...	ppb version for plotting (F_CV)	3.05	ppb	3.42	2.47

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11/29/2010 8:00:00 AM