

MicroBooNE RG58U Cable Test 4/22/2013 – 4/25/2013

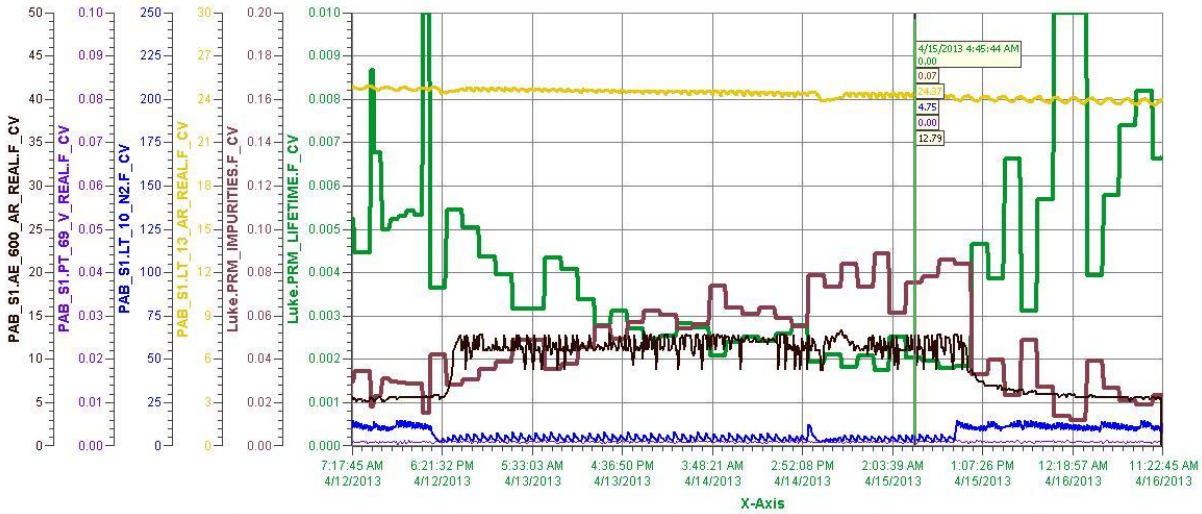
<i>PAB Materials Test System</i>	
Date of Receipt	5/15/2013, logBook entry # 3579
Sample Name/Description	Cable RG58U Coaxial cable, Allied Wire&Cable, part # 4580B Conductor AWG 20/ Solid BC RG-58/U Jacket material is FEP, wall 0.015"
Picture Location:	data base
Weight:	193.9 g
Dimensions/Area:	overall O.D. 0.161", length - approximately 200 inches (in roll)
Source:	Tepei Katori
Preparation:	Dry clean
Zero Test	4/12/2013
Lifetime:	2 ms
Time in the airlock(hrs)	
Purge:	27 hours
Vacuum:	x
Room Temperature	
Start Time/Date, End Time/Date :	4/22/2013 3:35 PM, 4/25/2013 11:30 am
PrM run # :	17133
Condenser state:	on
Filter state:	off
O2 reading:	x
H2O reading:	35-20 ppb
Lifetime:	2 ms
Results/comments	



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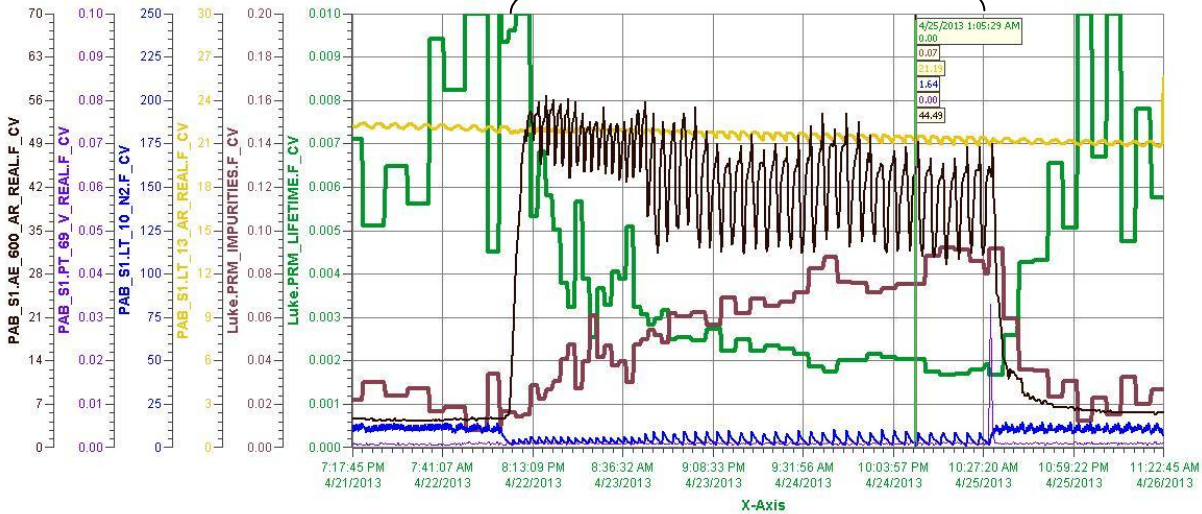
1. Zero test.
2. Warm test.

1



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00202	sec	0.01303	0.00171
Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0744	imps	0.0878	0.0115
PAB_S1_LT_13_AR_REAL_F_CV	Luke Argon Level Probe	24.4	inches	24.9	23.6
PAB_S1_LT_10_N2_F_CV	Luke Condenser LN2 Level Probe (F_CV)	4.7	inches	14.5	1.5
PAB_S1_PT_69_V_REAL_F_CV	Seal Monitor Vacuum	0.0007	Torr	0.0051	0.0001
PAB_S1_AE_600_AR_REAL_F_CV	Luke Halo (F_CV)	12.8	ppb	13.3	-6.7

2



Pen Name	Description	Value	Eng Units	High Over Range	Low Over Range
Luke.PRM_LIFETIME.F_CV	Luke.PRM_LIFETIME.F_CV	0.00201	sec	0.02000	0.00164
Luke.PRM_IMPURITIES.F_CV	Luke.PRM_IMPURITIES.F_CV	0.0745	imps	0.0916	0.0075
PAB_S1_LT_13_AR_REAL_F_CV	Luke Argon Level Probe	21.2	inches	25.7	20.8
PAB_S1_LT_10_N2_F_CV	Luke Condenser LN2 Level Probe (F_CV)	1.8	inches	14.4	0.7
PAB_S1_PT_69_V_REAL_F_CV	Seal Monitor Vacuum	0.0012	Torr	0.0330	0.0004
PAB_S1_AE_600_AR_REAL_F_CV	Luke Halo (F_CV)	44.5	ppb	56.7	4.1