

Kester 44 Rosin Flux Residue (PSL_005, electronic board)

7/Jun/2016 – 8/Jun/2016

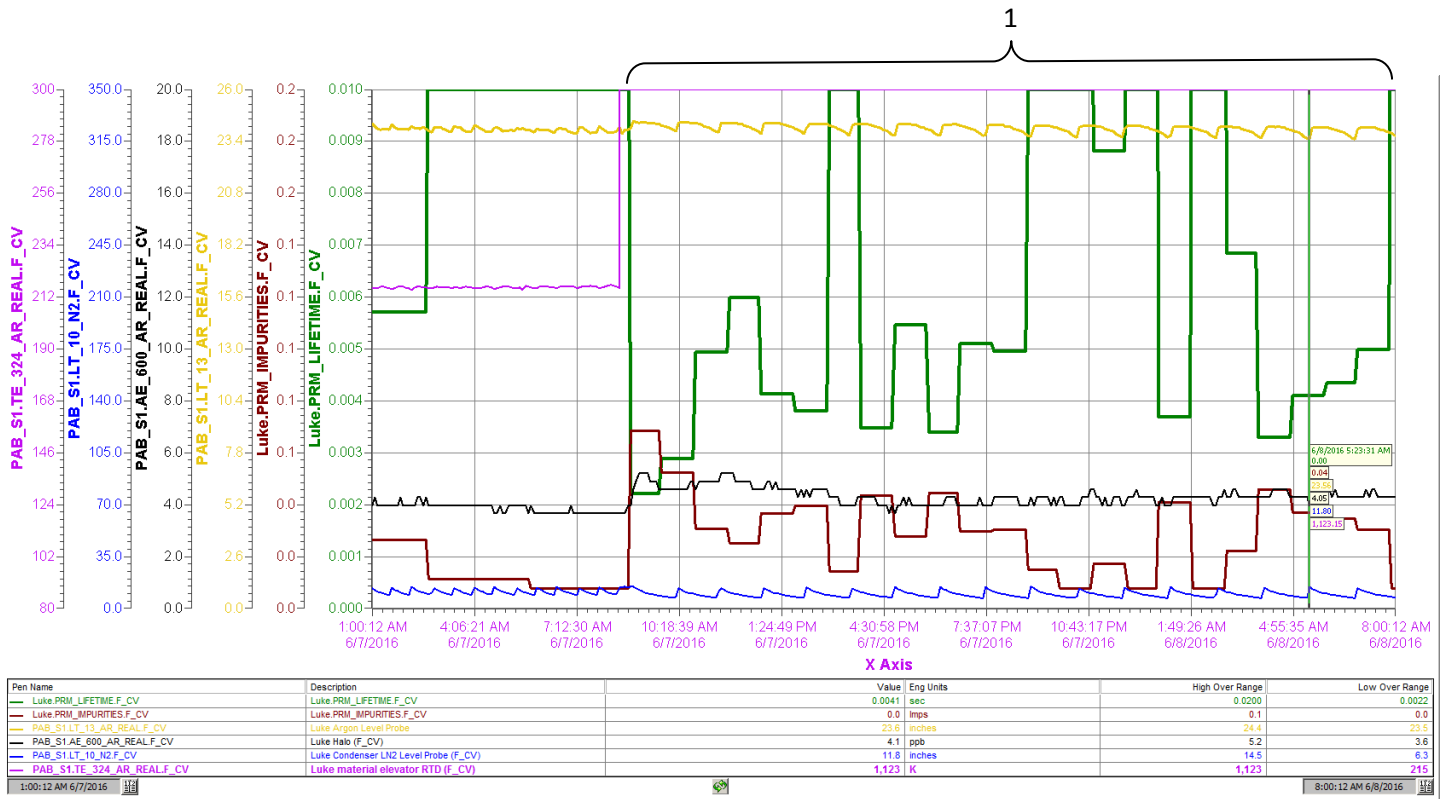
<i>PAB Materials Test System</i>	
Date of Receipt	8/JUN/16 , logbook entry # 5258
Sample Name/Description	Kester 44 Rosin Flux Residue PSL_005
Sample	
Composition:	Electronic board
Picture Location:	data base
Weight:	44.2 g
Dimensions/Area:	length approx. 125 cm, width 114 cm
Source:	Jonathan Heise, University of Wisconsin-Madison
Preparation:	dry clean
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Vacuum:	
Purge	23 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	7/JUN/2016 8:50 AM, 8/JUN/2016 8:00 AM
PrM run # :	28113
Condenser state:	on
Filter state/settings:	off
H2O reading:	increased from 3.3 to 4 ppb
Temperature:	95 K
Liquid Level	23.8 inches
Lifetime:	5 ms



Note: When we removed the sample from MTS, we noticed that a cover layer near the soldering was a bit ruined (see picture on left). Parts of that ruined layer were in the whole sample surface (picture on the right).



1. Liquid Test



Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen