

# Kester 44 Rosin Flux Residue (PSL\_005, electronic board)

7/Jun/2016 – 8/Jun/2016

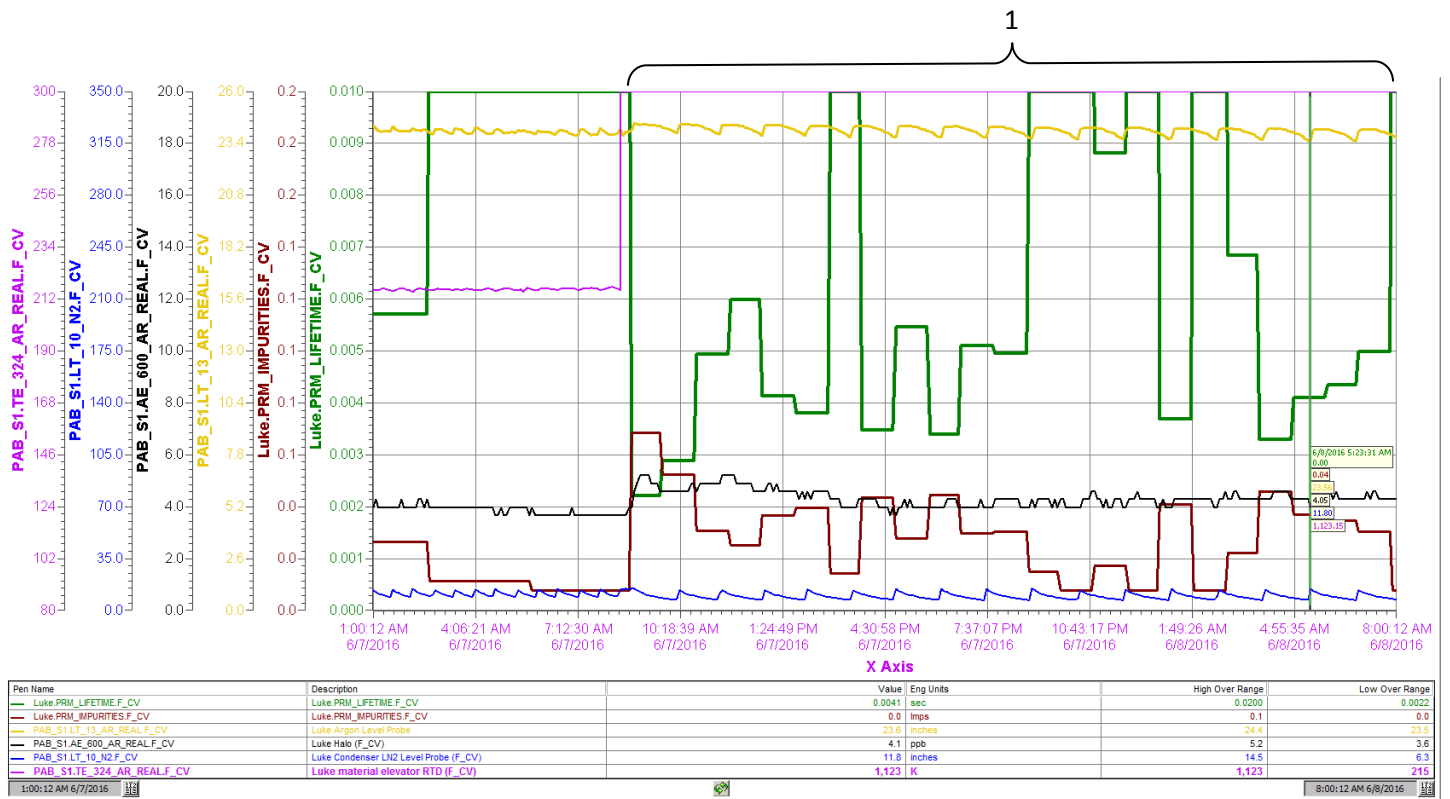
<b><i>PAB Materials Test System</i></b>	
<b>Date of Receipt</b>	8/JUN/16 , logbook entry # 5258
<b>Sample Name/Description</b>	Kester 44 Rosin Flux Residue
	PSL_005
<b>Sample</b>	
<b>Composition:</b>	Electronic board
<b>Picture Location:</b>	data base
<b>Weight:</b>	44.2 g
<b>Dimensions/Area:</b>	length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