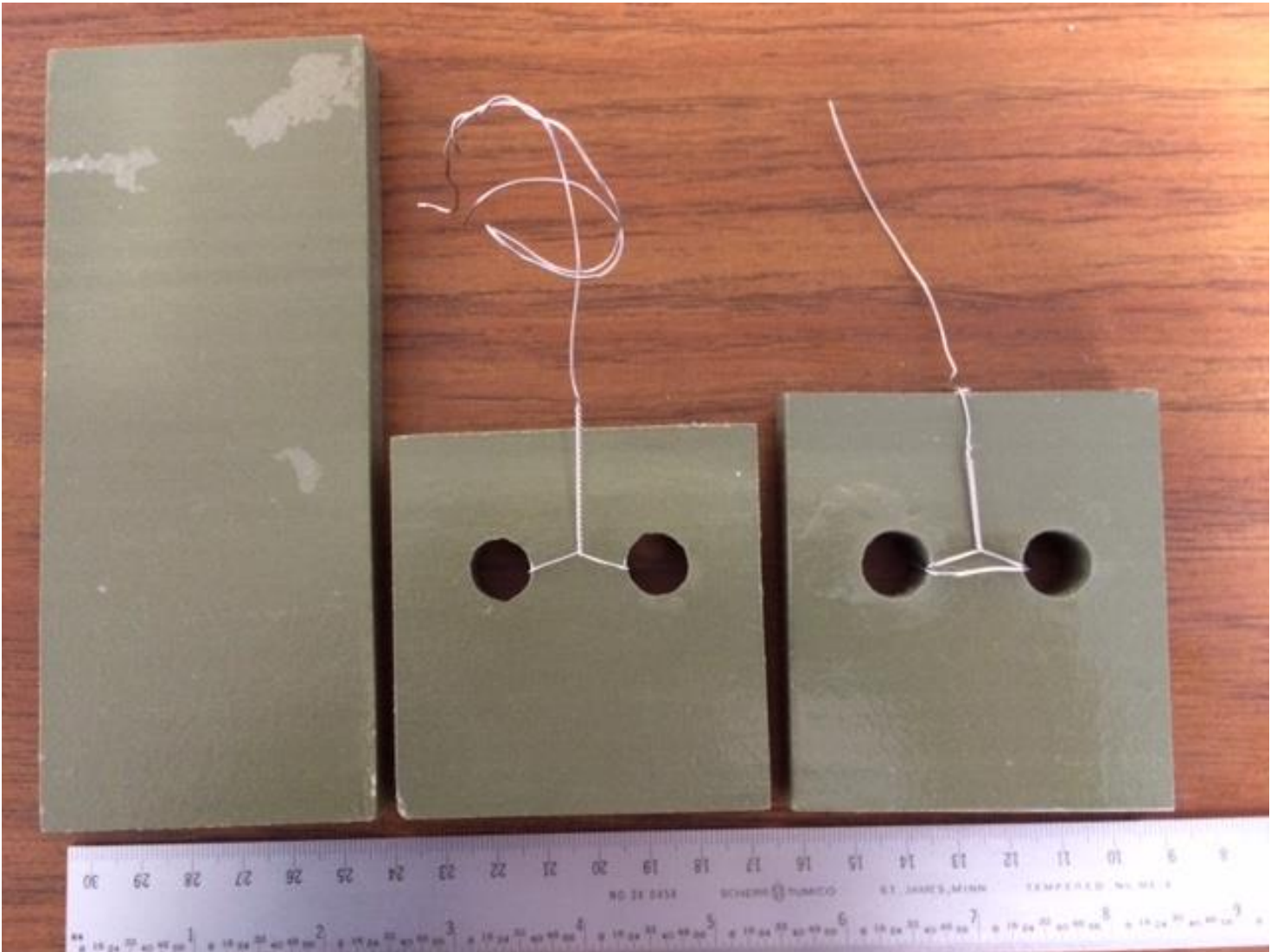


FRP Test

Sample A (polyurethane coating sprayed) **3/28/2017 – 3/30/2017**

Sample B (polyurethane coating painted) **4/11/2017 – 4/13/2017**

Sample C (polyurethane coating painted, some delamination) **4/17/2017 – 4/19/2017**

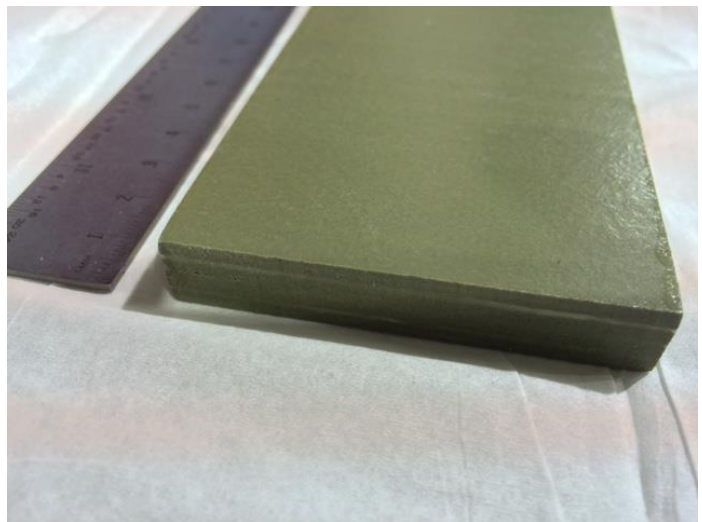
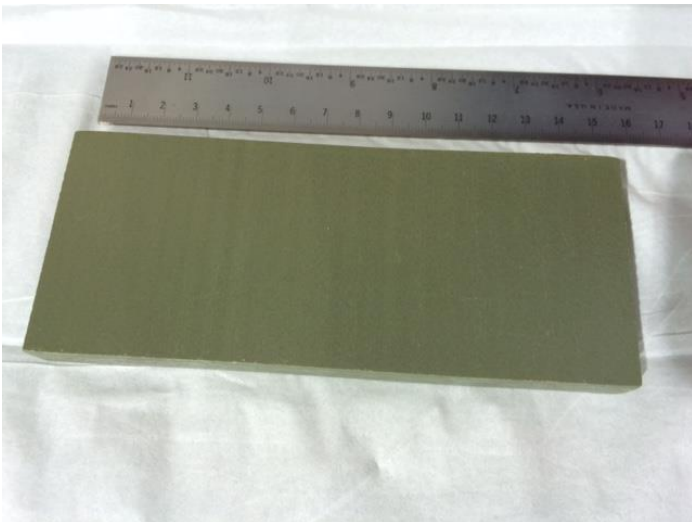


Sample A

Sample B

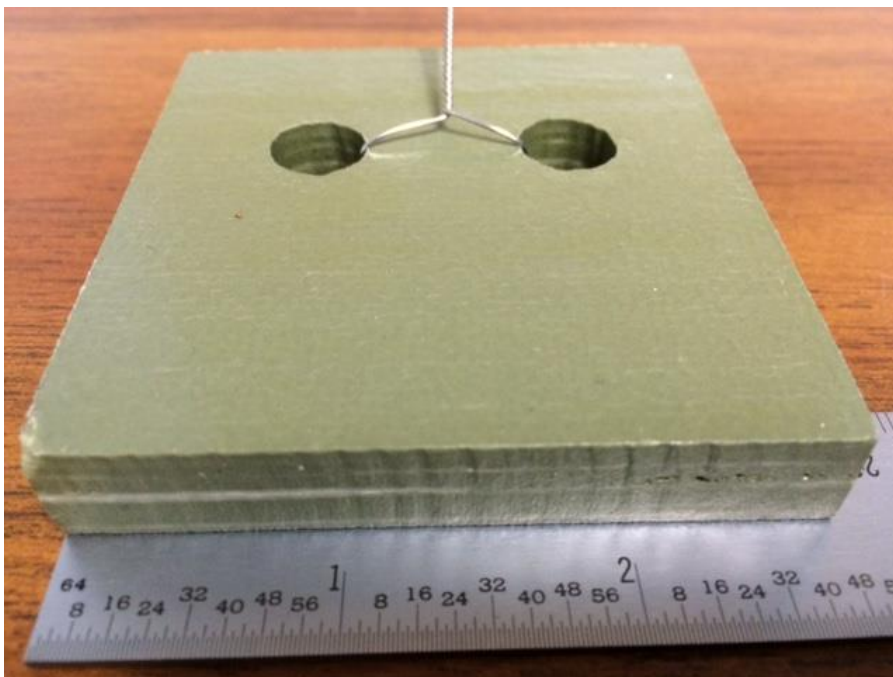
Sample C

PAB Materials Test System	
Date of Receipt	4/17/17 , logbook entry # 5836
Sample Name/Description	FRP plate with polyurethane coating sprayed
Sample A	
Composition:	Fiber-reinforced plastic, polyurethane
Picture Location:	data base
Weight:	~218 g
Dimensions/Area:	~ 2.5 x 6.0 x 0.5 inches
Source:	Thomas Kutter
Preparation:	x
Time in the airlock(hrs)	
Vacuum:	22 hours
Purge	5 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	3/29/2017 2:15 pm, 3/30/2017 2:45 pm
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H2O reading:	4.5 - 5.5 ppb
Temperature:	95 K
Liquid Level	23.5 - 23.1 inches
Lifetime:	4 ms



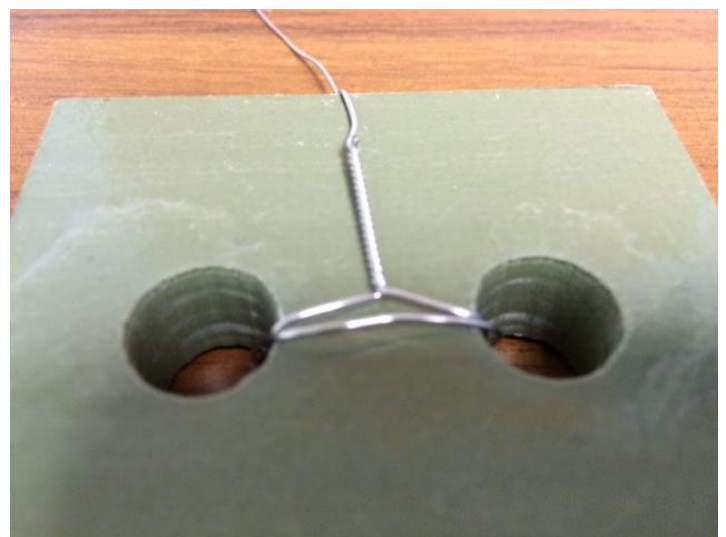
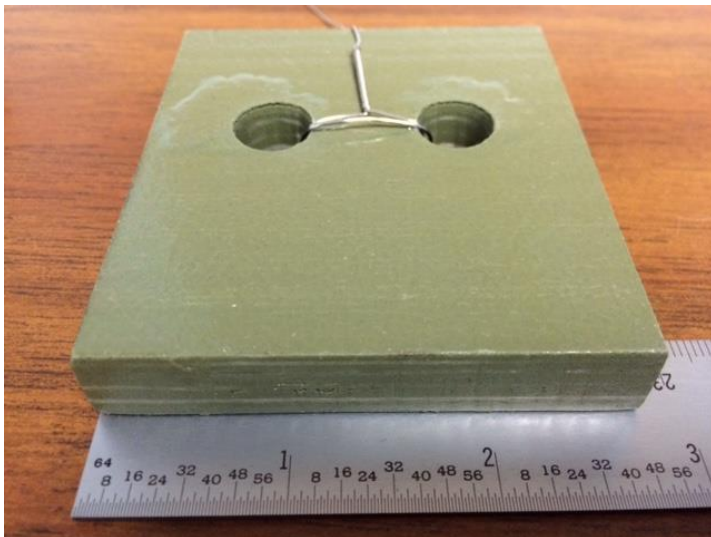
Sample A

PAB Materials Test System	
Date of Receipt	4/24/17 , logbook entry # 5862
Sample Name/Description	FRP plate with polyurethane coating painted
Sample B	
Composition:	Fiber-reinforced plastic, polyurethane
Picture Location:	data base
Weight:	~109 g
Dimensions/Area:	~ 2.8 x 2.75 x 0.5 inches
Source:	Thomas Kutter
Preparation:	x
Time in the airlock(hrs)	
Vacuum:	10 min
Purge	22.5 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	4/12/2017 1:40 pm, 4/13/2017 4 pm
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H2O reading:	3.5 ppb
Temperature:	95 K
Liquid Level	24.2 - 23.8 inches
Lifetime:	5 ms



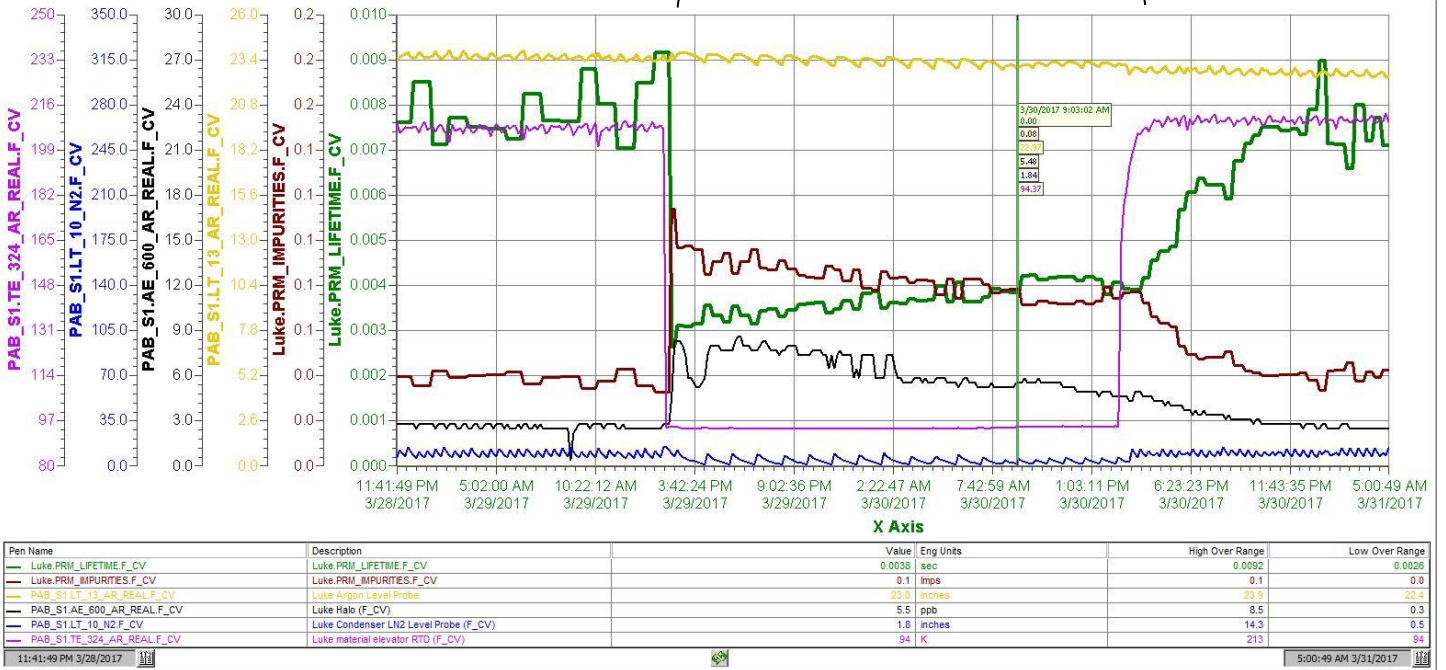
Sample B

PAB Materials Test System	
Date of Receipt	4/24/17 , logbook entry # 5869
Sample Name/Description	FRP plate with polyurethane coating painted and some delamination
Sample C	
Composition:	Fiber-reinforced plastic, polyurethane
Picture Location:	data base
Weight:	~119.8 g
Dimensions/Area:	~ 3.125 x 2.75 x 0.5 inches
Source:	Thomas Kutter
Preparation:	x
Time in the airlock(hrs)	
Vacuum:	10 min
Purge	24 hours with gas Argon from Luke
Liquid Test	
Start Time/Date, End Time/Date :	4/18/2017 9:40 am, 4/19/2017 3 pm
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H2O reading:	~ 40 ppb
Temperature:	95 K
Liquid Level	21.1 - 20.7 inches
Lifetime:	~3 ms



Sample C

Liquid test Sample A



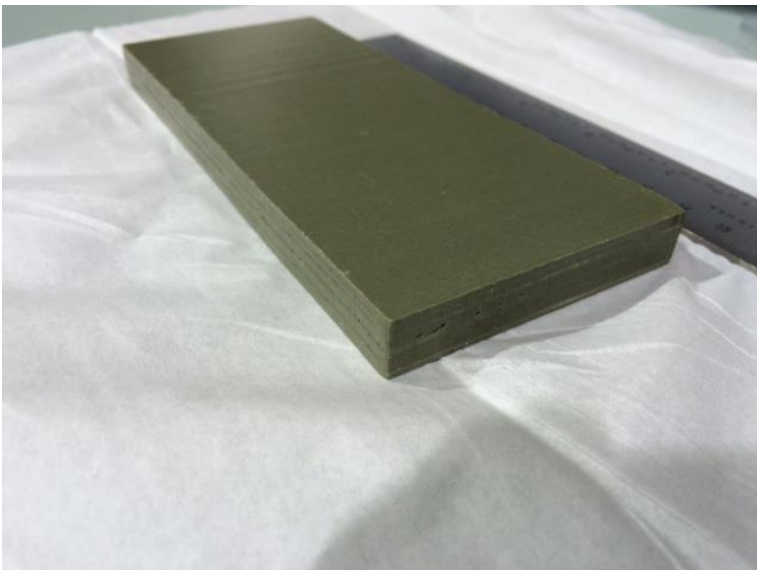
Lifetime – green pen

Impurities – brown pen

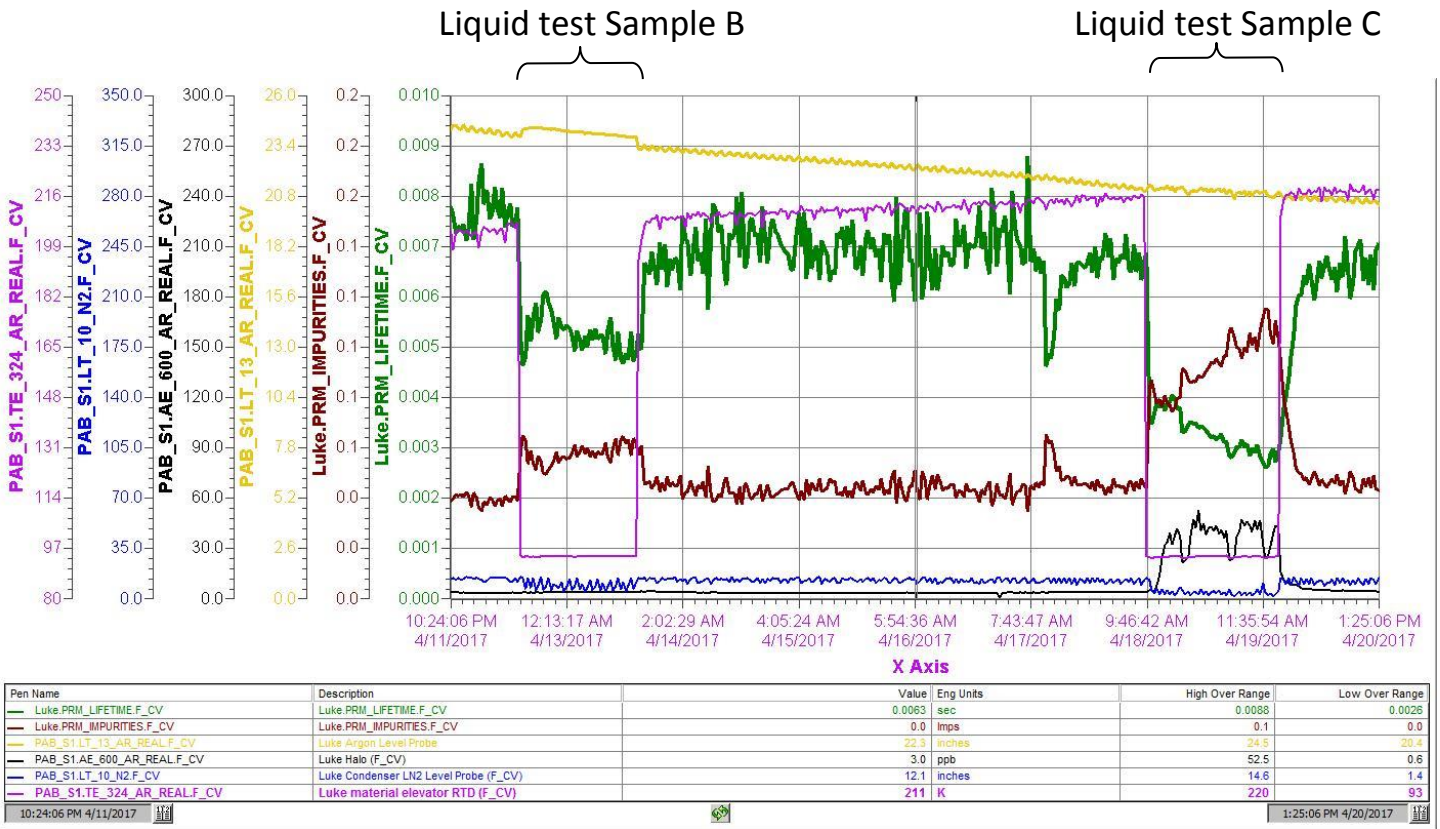
Liquid level – yellow pen

Water – black pen

Temperature – magenta pen



Sample A



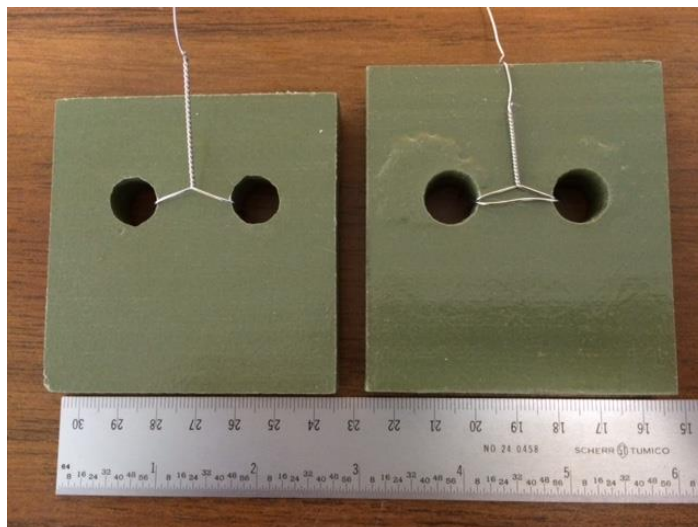
Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature –magenta pen



Samples B and C

