

## PAB Materials Test System

<b>Date of Receipt</b>	08/10/11 , logbook entry # 1883
<b>Sample Name/Description</b>	Wire mesh knitted SS wire mesh from Metexcorp.
<b>Sample</b>	
<b>Composition:</b>	SS 304
<b>Picture Location:</b>	data base
<b>Weight:</b>	140 g
<b>Dimensions/Area:</b>	26 cm x 153 cm
<b>Source:</b>	Bo Yu
<b>Preparation:</b>	ultasonic cleaned for 20 min
<b>Submerging in LAr or LH2</b>	no
<b>Time in the airlock(hrs)</b>	
<b>Purge:</b>	3 days purged from the bottle and 1 h from Luke
<b>Vacuum:</b>	
<b>Room Temperature</b>	
<b>Start Time/Date, End Time/Date :</b>	8/1/11 1 pm, 8/3/11 10 am
<b>PrM run # :</b>	13544
<b>Condenser state:</b>	on
<b>Filter state:</b>	off
<b>O2 reading:</b>	x
<b>H2O reading:</b>	increased to 64 ppb in the first 2.5 h, then dropped and stayed in 20-25 ppb range
<b>Lifetime:</b>	3-4 ms
<b>Liquid Test</b>	
<b>Start Time/Date, End Time/Date :</b>	8/3/11 3:23 pm, 8/4/11 10 am
<b>PrM run # :</b>	13579
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>O2 reading:</b>	x
<b>H2O reading:</b>	increased from 6 to 12 ppb
<b>Temperature:</b>	95 K
<b>Lifetime:</b>	5-10 ms
<b>VaporTest</b>	
<b>Start Time/Date, End Time/Date :</b>	8/4/11 10 am,
<b>PrM run # :</b>	13597
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>O2 reading:</b>	x
<b>H2O reading:</b>	8-15 ppb
<b>Temperature:</b>	215 K
<b>Lifetime:</b>	5-10 ms
<b>Results/comments</b>	