

PAB Materials Test System

Date of Receipt	6/11/12 , logbook entry # 2533
Sample Name/Description	dye penetrant Magnaflux Spotcheck Penetrant
Sample	dye penetrant was applied on 3 stainless steel pieces
Composition:	
Picture Location:	data base
Weight:	x
Dimensions/Area:	total area 440 cm ² or 68.5 in ² or 0.48 ft ²
Source:	Russ Rucinski
Preparation:	no cleaning
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Purge:	20 h purged from the bottle and 2 h from Luke
Vacuum:	x
Zero Test	6/4/2012
H2O reading:	from 15 ppb to 20 ppb to 12 ppb
Lifetime:	3-4 ms
Liquid Test	
Start Time/Date, End Time/Date	: 6/6/12 3:45 pm , 6/7/12 3:50 pm
PrM run # :	15434
Condenser state:	on
Filter state/settings:	off
O2 reading:	x
H2O reading:	no increase
Temperature:	95 K
Lifetime:	5 ms
VaporTest	
Start Time/Date, End Time/Date	: 6/7/12 3:50 pm, 6/11/12 1:50 pm
PrM run # :	15458
Condenser state:	on
Filter state/settings:	off
O2 reading:	x
H2O reading:	no increase
Temperature:	198 K to 206 K
Lifetime:	3 ms
Results/comments	

Dye Penetrant Test 6/6/2012 – 6/11/2012

1. Liquid test.
2. Vapor test.

