

PRESSURE/LEAK TEST RECORD		FORM PS-7	
TEST DESCRIPTION AND REQUIREMENTS			
Pressure System Number: PS-PHY-08-002	Drawing Number(s): 318711-JLA-001-001		PAGE 1 OF
Project Name: 12 GeV SHMS Q2			
System or component description (attach description if needed): Helium circuit			
Test boundaries (attach sketch if needed):			
Design temperature: 4.5 K		Design pressure (MAWP): 5 atm (gauge)	
Test method: ___Hydrostatic <u>x</u> Pneumatic		Relief Valve Setting: 93 psig	
Test fluid: Gas helium		Applicable code: ASME Sec. VIII Div. 1	
Required test pressure: 90 psig		Test temperature: 295 K	
Test pressure as % of MAWP: 115%		Ambient temperature: 295 K	
Elevation difference between highest point and gauge:			
Required gauge pressure:			
Test date:	Start time:	Actual gauge pressure:	
Required Duration:	Finish time:		
SAFETY			
Test volume: 306 Liter		Stored energy of test: 0.13 MJ	
SOP/OSP/TOSP Number (if required):			
TEST EQUIPMENT			
Type/Number:	Range:	Cal date:	Cal due date:
Leak Detection Method: __Visual __He leak test __Bubble test __He leak test (reverse) __Other (attach procedure)			
Detector Calibration (if applicable):			
TEST ACCEPTANCE (name and signature)			
Pressure test result: ___Pass ___Fail			
Test Engineer:			Date :
Technician:			Date :
Witness:			Date :

Calibration Records

Before pressure test	Leak rate of calibrated source	
	Response time	
	Leak rate detected by the leak detector	
After pressure test	Leak rate of calibrated source	
	Response time	
	Leak rate detected by the leak detector	