

Hall C Spectrometer Pre-run Check Out Sheet

Date: _____

Personnel: _____

Experiment Number: _____

Notes: Record Values in columns where applicable.

Special Notes:	HMS	SHMS	Both
Minimum Angle			
Maximum Angle			
Angle of closet approach between Spectrometers			
Mid angle range of SHMS			

A: Physical Observations	HMS	SHMS	Both
Materials in rotation range of spectrometers cleared			
Spectrometer hand rails removed			
Target pivot area clear, hand rails removed			
Personal in Hall advised of pre-check operations			
Rails swept and clean			
Boundary ropes removed			
Overhead cables, cryo lines free and clear for rotation			
Cameras mounted and powered			

B: Interlocks/warnings checkout	HMS	SHMS	Both
Limit switches functional , at proper angles and tested (qty=6)			
Proximity switches functional, at proper angle and tested (qty=4)			
480 circuit breaker trip tested and reset			
Lights working			
Horns working			
Rails stop chucks in place, min and max angles			
UPS functional			
Local control rack operational			
Key switched to remote on local rack			

	HMS	SHMS	Both
At Drive controllers panel:			
Power on			
Interlocks and errors cleared			
Over current limits set on drive controllers			
Values recorded			
From Control room:			
HMI up and running			
Key switched to enable			
Panic button tested			
Cameras operational			