

4.2 ^{TM3} ~~TM1~~ SIS with Target and No External Connections

Shunts installed and tightened E-F-G-H-T-J-RFQ(H)
 FEBIAD coil shunts installed and tightened P-Q-R-U

	Ohm Meter Check				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)					
Anode (H)					
60kV Common (T)	OL Infinite	OL Infinite			
Chassis	OL Infinite	OL Infinite			
EE (I)	OL Infinite	OL Infinite	OL Infinite	OL Infinite	
Einzel Lens (Y)	OL Infinite				

	Megger Check (all @ 500V unless otherwise noted)				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Anode (H)					
60kV Common (T)					
Chassis	218.3M Infinite @ 1000V	OL Infinite @ 1000V	206M Infinite		
EE (I)	461M Infinite	OL Infinite	471M Infinite		
Einzel Lens (Y)	OL Infinite				

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	
5.010 < 5.7	5.629 < 6.8	4.464 < 5.3	5.415 < 6.8	4.260 < 5.3	4.811 < 5.5	

Backg. leak rate:	HS leak rate:
[atm-cc/s] < 5E-9	[atm-cc/s] < Backg. leak rate

Target: T.C # 4	Date: June 24, 2014
Location: SHC CS (SHCpost)	Signature: T. CAVE D. WANG