

4.2 ^{P2N} TM2/3/4 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	OL			
	Infinite	Infinite			
Chassis	OL	OL	OL		
	Infinite	Infinite	Infinite		
EE (I)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				

Target - Coil
OL
Coil - 60kV
OL

Megger Check (all @ 500V unless otherwise noted)					
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Anode (H)					
60kV Common (T)					
Chassis	OL	OL	906M		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
EE (I)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				

Target - coil
OL
Coil - 60kV
OL

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	
4.178	6.623	5.113	6.219	4.719	6.622	
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	

P-R: 5.922
A-P: 4.836
A-R: 5.008

Backg. leak rate:	0.0×10^{-9}	HS leak rate:	0.0×10^{-9}
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target: P2N	Date: 2020-03-17
Location: SHC CS SHCpost	Signature:

P = coil +
R = coil -