

4.2 TM3/4 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								

Megger Check (all @ 500V unless otherwise noted)									
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)				
Anode (H)									
60kV Common (T)						10 M	OL		
						infinite	infinite		
Chassis						360M	OL	364M	
						infinite @ 1000V	infinite @ 1000V	infinite	
EE (I)						1.0 G	OL	1.0 G	1000M
	infinite	infinite	infinite	infinite					
Einzel Lens (Y)	OL								
	infinite								

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	
8-336	6.993	6.536	8.164	7.705	6.313	
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	

Backg. leak rate: [atm-cc/s]	0.0 x 10 ⁻⁹ < 5E-9	HS leak rate: [atm-cc/s]	0.0 x 10 ⁻⁹ < Backg. leak rate
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Target: UC x 34 ⁴	Date: 2021-08-04
Location: SHS CS SHCpost <i>[Signature]</i>	Signature: <i>[Signature]</i>