

4.2 TM34 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)	OK <small>Infinite</small>	OK <small>Infinite</small>			
Chassis	OK <small>Infinite</small>	OK <small>Infinite</small>	OK <small>Infinite</small>		
EE (I)	OK <small>Infinite</small>	OK <small>Infinite</small>	OK <small>Infinite</small>	OK <small>Infinite</small>	
Einzel Lens (Y)	OK <small>Infinite</small>				

Megger Check (all @ 500V unless otherwise noted)					
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Anode (H)					
60kV Common (T)					
Chassis	393M <small>Infinite @ 1000V</small>	OK <small>Infinite @ 1000V</small>	378M <small>Infinite</small>		
EE (I)	749M <small>Infinite</small>	OK <small>Infinite</small>	724M <small>Infinite</small>	649M <small>Infinite</small>	
Einzel Lens (Y)	OK <small>Infinite</small>				

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	
5.153	6.268	4906	5.875	4.508	5.541	
<small>4 - 5.7</small>	<small>5 - 6.8</small>	<small>4 - 5.3</small>	<small>5 - 6.8</small>	<small>4 - 5.3</small>	<small>4 - 5.5</small>	

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

Target: UC# 24	Date: August 29
Location: SHC CS SHCpost	Signature: T CAVE