

Target Module with Target Check		
Document-75583	Release No. 1	Release Date.: 2013/12/11

## 4.2 TM30 SIS with Target and No External Connections

Shunts installed and tightened E-F-G-H-T-J-RFQ(H)	<input checked="" type="checkbox"/>
FEBIAD coil shunts installed and tightened P-Q-R-U	<input checked="" type="checkbox"/>

	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	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)						877kΩ Infinite	OL Infinite		
Chassis						402MΩ Infinite @ 1000V	OL Infinite @ 1000V	375MΩ Infinite	
EE (I)						OL Infinite	OL Infinite	1.16Ω Infinite	OL Infinite
Einzel Lens (Y)						OL Infinite			

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	
5.391	6.105	5.026	5.586	4.500	5.139	
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	

Backg. leak rate:	0.0 x 10 <sup>-9</sup>	HS leak rate:	0.0 x 10 <sup>-9</sup>
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target: UC # 14	Date: November 25 <sup>th</sup> 2015
Location: SHC CS SHCpost	Signature: T. CAVE D. WANG