

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

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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 <u>installed</u> 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)	0 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)	0 Infinite	OL Infinite			
Chassis	520 355 M Infinite @ 1000V	2.086 G Infinite @ 1000V	365 M Infinite		
EE (I)	895 M Infinite	OL Infinite	919 M Infinite	888 M Infinite	
Einzel Lens (Y)	OL Infinite				

Conductance Check [mΩ]					
A - B	A - C	A - D	B - C	B - D	C - D
6.717	6.881	5.897	6.490	5.513	5.614
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5

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

Target: Ta# 59	Date: Oct 1 2019
Location: SHC CS SHCpost	Signature: