

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)	EE (I)	EE (I)	EE (I)

Magnet Coil (U, Q)	Anode (H)	60KV Common (T)	Chassis	EE (I)	Einzel Lens (Y)
0	0	0	0	0	0
infinite	infinite	infinite	infinite	infinite	infinite
Chassis	Chassis	Chassis	Chassis	Chassis	Chassis
0	0	0	0	0	0
infinite	infinite	infinite	infinite	infinite	infinite
60KV Common (T)	60KV Common (T)	60KV Common (T)	60KV Common (T)	60KV Common (T)	60KV Common (T)
0	0	0	0	0	0
infinite	infinite	infinite	infinite	infinite	infinite
EE (I)	EE (I)	EE (I)	EE (I)	EE (I)	EE (I)
0	0	0	0	0	0
infinite	infinite	infinite	infinite	infinite	infinite
Einzel Lens (Y)	Einzel Lens (Y)	Einzel Lens (Y)	Einzel Lens (Y)	Einzel Lens (Y)	Einzel Lens (Y)
0	0	0	0	0	0
infinite	infinite	infinite	infinite	infinite	infinite

Megger Check (all @ 500V unless otherwise noted)

Target (ABCD)	Einzel Lens (Y)	60KV Com (T)	Chassis	EE (I)
0	0	0	0	0
infinite	infinite	infinite	infinite	infinite
60KV Common (T)	60KV Common (T)	60KV Common (T)	60KV Common (T)	60KV Common (T)
0	0	0	0	0
infinite	infinite	infinite	infinite	infinite
Chassis	Chassis	Chassis	Chassis	Chassis
15	0	0	0	0
infinite @ 1000V	infinite @ 1000V	infinite @ 1000V	infinite @ 1000V	infinite @ 1000V
0	0	0	0	0
infinite	infinite	infinite	infinite	infinite
EE (I)	EE (I)	EE (I)	EE (I)	EE (I)
0	0	0	0	0
infinite	infinite	infinite	infinite	infinite
Einzel Lens (Y)	Einzel Lens (Y)	Einzel Lens (Y)	Einzel Lens (Y)	Einzel Lens (Y)
0	0	0	0	0
infinite	infinite	infinite	infinite	infinite

Conductance Check [mΩ]						
A-B	A-C	A-D	B-C	B-D	C-D	
6.674	7.199	5.928	6.603	5.333	5.797	
4-5.7	5-6.8	4-5.3	5-6.8	4-5.3	4-5.5	

Backg. leak rate:	> SE-9	[abn-cc/s]	< Backg. leak rate
0.0x10 ⁻⁹			0.0x10 ⁻⁹

Target: Ia # 58	Date: May 16 th 2019
Location: SHC CS SHCpost	Signature: T CAVE

D WANG

A is shorting to the Coils
 Coil are shorted to 60KV Bias
 for surface source running