

No Target

4.1 TM4 FEBIAD with ~~Target~~ and No External Connections

Shunts installed and tightened E-F-G-H-T-J-RFQ(H)	
FEBIAD coil shunts removed P-Q-R-U	

	Ohm Meter Check				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)	OL	OL	OL/OL	OL	OL
	Infinite	Infinite	Infinite	Infinite	Infinite
Anode (H)	OL	OL	OL	OL	OL
	Infinite	Infinite	Infinite	Infinite	Infinite
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)	Infinite	Infinite	Infinite	Infinite	Infinite
	Infinite	Infinite	Infinite	Infinite	Infinite
60kV Common (T)	12.75 MΩ	Infinite			
	Infinite	Infinite			
Chassis	4.883 MΩ	Infinite @ 1000V	Infinite		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
EE (I)	Infinite	Infinite	Infinite	Infinite	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	Infinite				
	Infinite				

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	Q-U
< 5.7	< 6.8	< 5.3	< 6.8	< 5.3	< 5.5	< 5

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

Target: <i>NO TARGET</i>	Date: <i>2013-10-02</i>
Location: <i>SHC</i> CS SHCpost	Signature: <i>AM TCAUR</i>

800V
A:R 294kΩ
A:Q 974kΩ
A:T 12.75MΩ
A:Chas 883MΩ

R:Chas 885MΩ
Q:Chas 878MΩ
Q:E 16.5MΩ
X:Chas 2GΩ
F:Chas 83MΩ

RQ Coil 7
W water leak

All other lines
OL