

**4.1 ~~TM3/4~~ FEBIAD with Target and No External Connections**

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

Ohm Meter Check					
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)	0	OL	0	OL	OL
	Infinite	Infinite	Infinite	Infinite	Infinite
Anode (H)	OL	OL	OL	OL	OL
	Infinite	Infinite	Infinite	Infinite	Infinite
60kV Common (T)	0	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)	340K	OL	627K	<del>8703M</del> 803M	OL
	Infinite	Infinite	Infinite	Infinite	Infinite
60kV Common (T)	0	OL			
	Infinite	Infinite			
Chassis	873M	OL	817M		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
EE (I)	OL	OL	OL	<del>803M</del> OL	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				

Conductance Check [mΩ]						
A - B	A - C	A - D	B - C	B - D	C - D	Q - U
5.645	5.829	5.067	5.321	4.545	4.695	7.535
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	4 - 5

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

Target: <b>WC #23</b>	Date: <b>Aug 1 2018</b>
Location: <b>SHC CS SHCpost</b>	Signature: <b>T C WANG</b>