

TM2/3/4 SIS with Target and No External Connections

Ohm Meter Check					
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)					
Anode (H)					
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)					
60kV Common (T)					
Chassis	OL	OL	690M		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
EE (I)	OL	OL	OL	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	
6.641	5.894	5.948	6.054	6.114	5.283	
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 ⁻⁹	HS leak rate:	0.0 x 10 ⁻⁹
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target:	UG4616LIS \	Date:	2024-10-06
Location:	(S) CS HCpost	Signature:	



Additional electrical tests for IG-LIS Target Assemblies

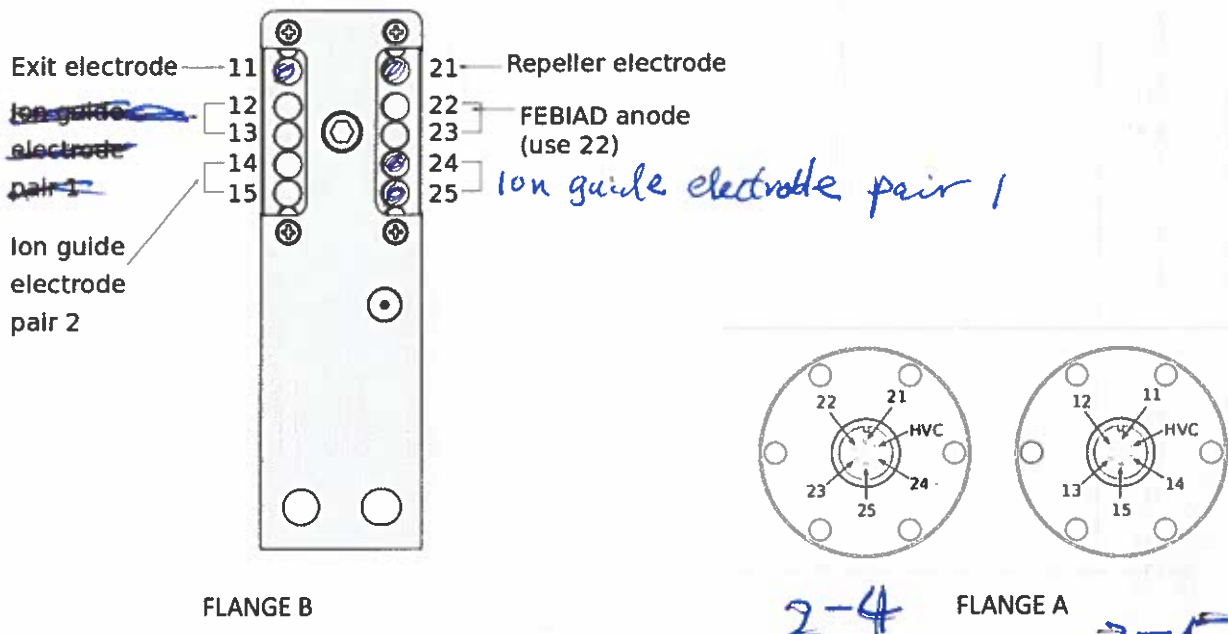


Table 1: Continuity test at hot cell. Megger test @250V in TCS with turbos on.

	Exit Electrode 1-1(flange A)	Repeller 2-1(flange B)	Ion Guide 1 2-4 1-2(flange A)	Ion Guide 1 2-5 1-2(flange A)
Repeller 2-1(flangeB)	OL			
Ion Guide 1 2-4 1-2(flangeA)	OL	OL		
Ion Guide 1 2-5 1-2(flangeA)	OL	OL	OL	
Heat Shield (T)	OL	OL	OL	OL
Target (ABCD)		OL		
EE (I)	OL			

All values expected to be OL.

Target: UCX46 (IGLIS)	Date: 2024-11-06
Location: (5) HC CS HCpost	Signature: [Handwritten Signature]

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