

7 Module Disconnection Checklist

SEQ	ITEM	NOTE	CHECK
Safety	Acknowledge and Activate Work Permit	Call RIB operators (ext. 7500) Call Main Control Room to notify of water shut-off (ext. 7333)	✓
Safety	<ul style="list-style-type: none"> • Electronic dosimeter • Tank Suit • Respirator • Overshoes • Gloves(double) • Safety Glasses / Full Face Respirator 	Remove and replace overshoes when exiting the pit to reduce risk of spreading contamination.	✓
Safety	Check the General Field of ITW/ ITE	RAM or pole monitor ($\leq 500 \mu\text{Sv/h}$) ²	~ 200
Prep	Check Tools: <ul style="list-style-type: none"> • Hex keys (3/16" & 3/8") • Wrenches (two 1/2") • Side Cutter • Wipes • 10" Cable Ties • Aluminum Foil 	Aluminum foil: Four folded square pieces	✓
1	Switch off: <ul style="list-style-type: none"> • Heaters, Coil • Bias, Einzel Lens, Anode • EE • Turbo Pumps • Ion gauges 	Check or confirm with ISAC operators	✓
2	Two HV Cover Keys	Electrical room	✓
3	High Active Cooling Water	Close valves for water supply and return	✓
4	HV Cover and HV Fence on Module Top	Use grounding rod Limit switches and signal cable plugs	✓
5	Compressed Air	Release QC Release air cylinder back pressure	✓
6	Shutter	Pull up bellows. Strap tie air cylinder	✓
7	Gas Line	FEBIAD Target only Close two manual valves (station and module)	NA
8	52 Pin Connector (H)	Disconnect grounding wire from 60 kV bias	✓
9	Extraction Electrode (I)		✓
10	Einzel Lens (Y)		✓

² Ref Dose Estimate Form, [Document-19905](#)