

Target Assembly Checklist		
Document-21255	Release Nox: 7	Release Date: 2017-06-01

Electrical tests on target assembly jig:	Expected value	Recorded value
Target check to heat shield? (use megger 500V)	500V OL	500V 6 mΩ
Extraction electrode check to heat shield? (use megger 1000V)	1000V OL	1000V OL
Extraction electrode check to target? (use megger 500V)	500V OL	500V OL
Heat shield check to external gas line? (use ohmmeter)	No OL	—
Target check to internal gas line? (use ohmmeter)	No OL	—
FEBIAD: heat shield check to coil (use ohmmeter)	OL	OL
FEBIAD: Target check to coil? (use ohmmeter)	OL	OL
FEBIAD: Target check to anode? (use megger 500V)	500V OL	500V 230 mΩ
FEBIAD: Anode to heat shield? (use megger 500V)	500V OL	500V 200 mΩ
FEBIAD: Anode to extraction electrode	500V OL	—
IG-LIS: Test as per <u>Document-75583</u> Section 5	-	—
9-pin: Unused connections grounded? (use ohmmeter)	No OL	—
TGHT A to TGHT B resistance [mΩ]	2.0 – 2.5	—
TBHT C to TBHT D resistance [mΩ]	2.0 – 2.5	—
FEBIAD: Coil resistance [mΩ]		—
Date/Initials:		March 25, 2014

**Note: Anode=Grid & Cathode=transfer tube

Leak check	Expected value	Recorded value
Assembled target leak checked?	$< 1 \times 10^{-11}$ atm-cc/s	
Assembled target leak checked (sniffer + 120psi He)	< background	
Date/Initials:		

Target released to Test Stand	Initials
Salts added to target:	
Above checks completed and target ready for Test Stand?	
Date:	

NOTES: