

Prepared by: D. Beavis

Date: April 29, 2015

Reviewed by: TV

Date: 4/30/15

Approved by: Deey Karol

P. P. Ie → T. Roser

Date: 4/30/15

g-2 Electrostatic Quad HV test

Completion of this RSC Checklist is a requirement before operations of the HV tests for the g-2 electrostatic quads can begin.

1. _____ (LE) The 125 kV HV Glassman Power Supply (PS) (negative voltage) has been RS LOTOed to prevent operation until the items on this list are complete.
2. _____ (LE) The 50 kV HV Matsusada Power Supply (positive voltage) has been RS LOTOed to prevent operation until the items on this list are complete.
3. _____ (LE) Shielding and gate are ready for experiment. Drawings of the area are on file.
4. _____ (RCD) Area posted as high radiation area with voltage on.
5. _____ (RSCC) Shielding inspected satisfactory for 125 and 50 kV.
6. _____ (CEE) Method to limit current has been reviewed and approved.
7. _____ (RSCC) Sweep procedure in place and method to lock access gate.
8. _____ (RSCC) Method to prevent HV until area has been swept and secured has been reviewed.
9. _____ (LP) RCTs will be requested for dose rate surveys when new operating conditions are established.
10. _____ (RGDC) The test device has been registered as an RGD.
11. _____ (LP) The items listed above have been completed.
12. _____ (OC) List completion verified by on-duty operations coordinator.

When the list above is complete the RS LOTO can be removed from the HV power supply.

RCD: Radiation Controlled Division (P. Bergh or designate)
LP: Liason Physicist (W. Morse or designate)
LE: Liason Engineer (A. Pendzik or designate)
RSCC: Radiation Safety Committee Chairperson: D. Beavis or designate
OC: Operations Coordinator
ACG Access Control Group (J. Reich or designate)
RCT Radiation Control Technician
IG Instrumentation Group (~~R. Atkins~~ or designate). *M. Minty*
CEE Chief Electrical Engineer (J. Sandberg or designate)
RGDC CA RGD custodian (A. Etkin or designate)