

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.*

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.56.ab V1 Sweep Checklist

C-A-OPM Procedures in which this Attachment is used.		
4.56		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
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Approved: _____ *Signature on File* _____
 Collider-Accelerator Department Chairman Date

P. Ingrassia

V1 Sweep Checklist

(Team leader) _____ (Operator 2) _____

Time: _____ Date: _____

Warning:

IF any personnel are encountered during the sweep, **THEN** determine whether their work will be completed in a short time. **IF** the work will take a long time, **THEN** contact the OC to see if the sweep should be aborted. **IF** the work will be completed in a short time, **THEN** write the name(s) of the workers at the end of the checklist and verify that they leave the enclosure **WITH** the sweep team. **IF** the workers crash out of the enclosure **AND** do not exit with the sweep team, **THEN** the sweep shall be re-initiated.

Prerequisites

- Two persons to perform the sweep,
- V1 Primary Sweep Checklist for C-A-OPM-ATT 4.56.ab (one page)
- Required Tools: at least one flashlight,
- TLD
- Walkie-talkie
- Keys: Sweep/Reset (EB002) key, CA (EB003) key

Check

- ___ 1. Team Leader contacts MCR to verify that V1 Primary area is on Controlled Access.
- ___ 2. Both operators go to V1 Upstream Double Doors (V1GE1).
- ___ 3. Team Leader requests simultaneous release from MCR.
- ___ 4. Team Leader opens V1GE1 gate by turning the S/R(EB002)key clockwise in the OPEN key-switch.
- ___ 5. Both operators enter the gate and close the doors behind them.
- ___ 6. Team Leader checks that both doors are properly secured.
- ___ 7. Both operators proceed to upstream end of V1 line.
- ___ 8. Team Leader resets V1-2 check-station with the S/R(EB002) key.
- ___ 9. Observe that the AREA SECURED amber light is ON for 2 seconds.
- ___ 10. Both Operators sweep back to V1GE1.
- ___ 11. Team Leader resets gate at Inside Gate Box (left of V1GE1) using S/R(EB002) key.
- ___ 12. Observe GATE RESET amber light remains ON.
- ___ 13. Team Leader tests door to insure it is locked.
- ___ 14. Both operators sweep downstream to V1D5 (Magnet 712).
- ___ 15. Operator 2 stands static watch at downstream end of V1D5.

CONTINUED ON REVERSE SIDE

- ___16. Team Leader crosses under V1 line, and resets the check-station with the S/R(EB002) key.
- ___17. Observe that the AREA SECURED amber light is ON for 2 seconds.
- ___18. Team Leader crosses back under V1 line and proceeds downstream to the end of the beam line at V1Q24, and checks fences at far side of V1Q24.
- ___19. Team Leader sweeps back upstream and rejoins Operator 2, @ V1D5.
- ___20. Both Operators sweep up the stairs to V1 Downstream Gate (V1GE2).
- ___21. Team Leader ends the sweep with the S/R(EB002) key in the SWEEP key switch.
- ___22. Observe that the AREA SECURED amber light is ON.
- ___23. Team Leader requests a simultaneous release from MCR.
- ___24. Both Operators sweep through V1GE2.
- ___25. Team Leader resets the V1GE2 gate at the gate box with the S/R(EB002) key inserted into the RESET key-switch.
- ___26. Observe the AREA SECURED light will be lit and remain on.
- ___27. Observe the GATE RESET light will be lit and remain on.
- ___28. Team Leader tests V1GE2 door to insure it is locked.
- ___29. Team Leader verifies with MCR that zone is swept and gates reset.
- ___30. Team Leader files completed sweep checklist in the Completed Sweep Checklist Binder.