

*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 available by contacting the **ESSHQ Procedures Coordinator, Bldg. 911A***

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.56.az W Line Sweep Checklist

Text Pages 2 through 3

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, W. MacKay

W Line Sweep Checklist

Team Leader _____ Sweeper #2 _____

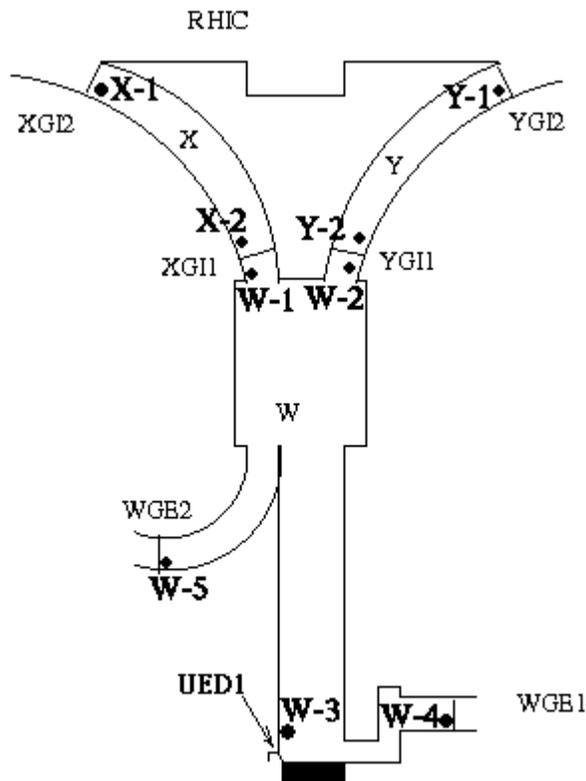
Time: _____ Date: _____

Warning:

IF any workers are encountered during the sweep, **THEN** contact the OC to see if the sweep should be aborted. Workers shall leave the enclosure **WITH** the Sweepers. **IF** the workers crash out of the enclosure **AND** do not exit with the Sweepers, **THEN** the sweep shall be re-started.

Prerequisites

- TWO people to perform the sweep
- C-A OPM ATT 4.56.az W Line Sweep Checklist (two pages)
- X/Y line sweeps are good and X/Y gates are reset
- Portable Radio/Flashlight
- All doors closed THEN W line set to Controlled Access
- Keys: Sweep Reset EB013, Controlled Access EB012, BB11 for weather doors
- TLD



CONTINUED ON REVERSE SIDE

check

- ___1 Sweep Team goes to gate WGE2.
- ___2 Team Leader requests simultaneous release from MCR.
- ___3 Team Leader opens WGE2 gate by turning the CA(EB012) key clockwise, in the Controlled Access key-switch, while Operator in MCR presses simultaneous release for WGE2.
- ___4 Sweep Team enters and walks to the Switching Magnet (SWM).
- ___5 Sweeper#2 stands static watch at SWM.
- ___6 Team Leader walks to XGI1 and STARTS SWEEP by turning the S/R(EB013) key CW in the SWEEP key-switch station upstream of XGI1 at WCS1 (map W-1).
- ___7 Team Leader observes SWEEP lamp blink once.
- ___8 Team Leader sweeps around and under the (marble) W beam dump to YGI1.
- ___9 Team Leader sets second check station by turning the S/R(EB013) key CW in the SWEEP key-switch station upstream of YGI1 at WCS2 (map W-2).
- ___10 Team Leader observes SWEEP lamp blink once.
- ___11 Team Leader sweeps upstream to join Sweeper#2 at the SWM.
- ___12 Sweep Team sweeps upstream towards the U line.
- ___13 Team Leader checks vent barrier is in place upstream of WP2.
- ___14 Sweep Team sweeps upstream towards the U line.
- ___15 Sweeper#2 stands static watch at WD7.
- ___16 Team Leader sets third check station by turning the S/R(EB013) key CW in the SWEEP key-switch at WCS3 next to door UED1 (map W-3).
- ___17 Team Leader observes SWEEP lamp blink once.
- ___18 Team Leader walks to WGE1 gate.
- ___19 Team Leader sets fourth check station by turning the S/R(EB013) key CW in the SWEEP key-switch at WCS4 next to door WGE1 (map W-4).
- ___20 Team Leader observes AREA SECURED lamp blink once.
- ___21 Team Leader sweeps up labyrinth and joins Sweeper#2.
- ___22 Sweep Team sweeps downstream to WGE2.
- ___23 Team Leader ENDS SWEEP by turning the S/R(EB013) key CW in the SWEEP key-switch WCS5 at WGE2-I (map W-5).
- ___24 Team Leader observes AREA SECURED lamp remains lit.
- ___25 Team Leader contacts MCR for simultaneous release for gate WGE2.
- ___26 Sweep Team sweeps out W Line through WGE2.
- ___27 SweepTeam contacts MCR and confirms that W line indicates sweep is good.

Note:

IF the AREA SECURED, and GATE RESET lamps are not lit, THEN contact MCR to verify that gate(s) are reset and sweep is good.

- ___28 After returning the keys to the Injection Key Tree, Team Leader RESETS BOTH Remote Control Access gates, WGE1 and WGE2, using the RHIC PanelView at MCR_2.
- ___29 After returning to MCR and verifying that all information is filled out completely, SweepTeam files the checklist in FY_xx Sweep Log binder.