

RHIC Zone 1z1 Sweep Checklist

Team leader (TL) _____ Sweeper#2 (S2) _____

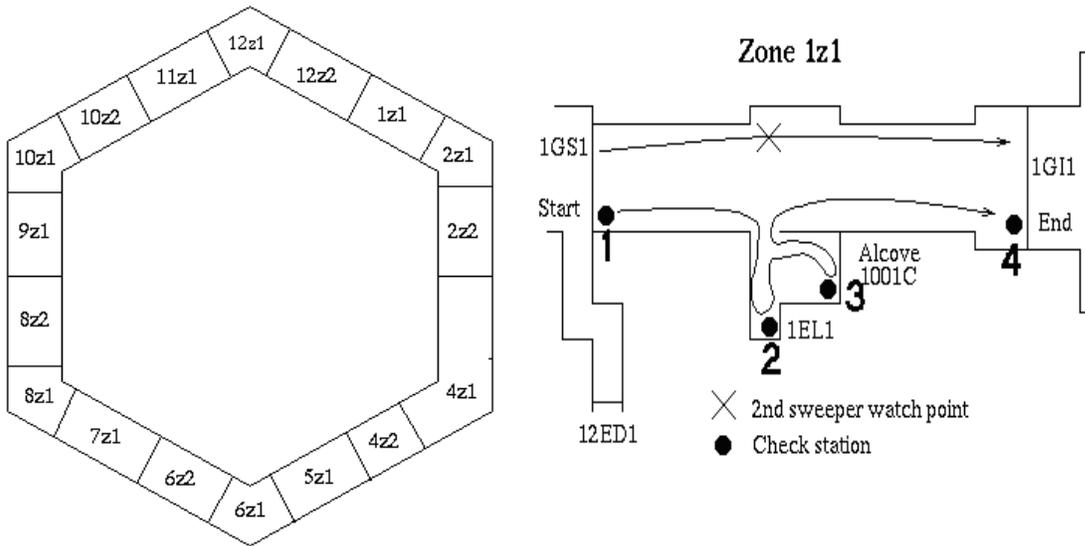
Time: _____ Date: _____

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 sweep team. **IF** the workers crash out of the enclosure **AND** do not exit with the sweep team, **THEN** the sweep shall be re-started.

Prerequisites

- Two persons to perform the sweep,
- At least one sweeper not restricted from working at heights over five feet.
- RHIC Zone 1z1 Sweep Checklist (two pages)
- Portable Radio, Flashlight
- TLD
- All Doors closed THEN 1z1 set to Controlled Access
- Keys: Sweep Reset S/R015, Controlled Access CA014



Note:

References to positions in the tunnel are made using the RHIC magnets. The identity of the local magnet can be determined by looking up at the "lower" cable tray and reading the magnet name on a blue (B) or yellow (Y) label. For example, the convention used is: I05Q17 (Inside, Q17) or O-05Q17 (Outside, Q17). References are for inside locations and are visible only by the Team Leader.

CONTINUED ON REVERSE SIDE

check

- ___1. Sweep team goes to gate 1GI1, TL requests simultaneous release from MCR.
- ___2. TL opens 1GI1 gate by turning the CA014 key clockwise, in the Controlled Access key-switch, while Operator in MCR presses simultaneous release for 1GI1.
- ___3. Sweep Team walks to 1GS1 gates (TL inside and Sweeper#2 outside).
- ___4. TL resets gate 1GS1 using the S/R015 key in the RESET key-switch.
- ___5. TL observes the yellow GATE RESET lamp is lighted.
- ___6. TL STARTS SWEEP by turning the S/R015 key CW in the SWEEP key-switch on 1GS1-I (1CS1).
- ___7. TL observes AREA SECURED lamp blink once.
- ___8. Sweep team sweeps Clockwise (CW) around RHIC.
- ___9. TL stops to check the Exhaust Fan Vent Barrier at I1Q17D16.
- ___10. Sweep team sweeps Clockwise (CW) around RHIC.
- ___11. S2 stands static watch at the electrical services alcove opposite IID13Q13.
- ___12. TL enters the alcove (1001C) and goes to the ladder at 1EL1.
- ___13. IF there is no mirror to verify no one is on the landing at the top of the ladder, THEN TL must climb the ladder to verify no one is on the landing and to check that 1EL1 is closed.
- ___14. TL resets door 1EL1 using the S/R015 key in the RESET key-switch at the bottom of the ladder.
- ___15. IF 1EL1 will not reset, THEN TL climbs the ladder, closes 1EL1, then repeats step 14.
- ___16. TL observes RESET lamp lights after reset.
- ___17. TL sets second check station (1CS2) by turning S/R015 key in the SWEEP key-switch.
- ___18. TL observes AREA SECURED lamp blink once.
- ___19. TL goes to the far corner of the alcove to check station (1CS3).
- ___20. TL sets third check station (1CS3) by turning S/R015 key in the SWEEP key-switch.
- ___21. TL observes AREA SECURED lamp blink once.
- ___22. TL checks inside EVERY rack and then sweeps out the alcove and joins S2.
- ___23. TL checks exhaust fan vent (1EF2) barrier and overhead barrier at O-01Q13.
- ___24. Sweep team sweeps Clockwise (CW) around RHIC.
- ___25. S2 checks overhead conduit at O-01Q9 with a flashlight.
- ___26. Sweep Team stops to check the inner and outer Exhaust Fan Vent Barriers at I-01DU7.
- ___27. Sweep team sweeps Clockwise (CW) around RHIC.
- ___28. Sweep Team checks behind and above electrical service panels at I-01D5 and confirms overhead barricades are in place.
- ___29. Sweep team sweeps Clockwise (CW) around RHIC.
- ___30. Sweep Team stops to check the inner and outer Exhaust Fan Vent Barriers are in place at I-01D0.
- ___31. TL ENDS SWEEP by turning the S/R015 key in the SWEEP key-switch on 1GI1-I (1CS4).
- ___32. TL observes the yellow AREA SECURED lamp is lighted.
- ___33. TL contacts MCR for simultaneous release for gate 1GI1.
- ___34. TL sweeps out 1z1 through 1GI1I gate, while S2 SIMULTANEOUSLY sweeps out 1GI1O.
- ___35. TL resets gate 1GI1 using the S/R015 key in the RESET key-switch at 1GI1 on 2Z1 side of gate.
- ___36. TL observes the yellow GATE RESET lamp is lighted.
- ___37. TL contacts MCR and confirms that gates are reset and 1Z1 zone indicates sweep is good.

Note:

IF the AREA SECURED lamp is not lit, THEN contact MCR to verify sweep is good.

- ___38. After returning to MCR and verifying that all information is filled out completely, TL files the checklist in FY_xx Sweep Log binder.