

*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

4.120.3.d 4 O’CLOCK ( PEER 9) SWEEP TESTS FROM LOCAL PANEL

C-A-OPM Procedures in which this Attachment is used.		
4.120.3		

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

**4.120.3.d 4 O’CLOCK ( PEER 9) SWEEP TESTS FROM LOCAL PANEL**

**PASS ANNUAL ACCEPTANCE TEST PROTOCOL**

**Division A Software Filename and Checksum: Title:** \_\_\_\_\_ **Checksum:** \_\_\_\_\_

**Division B Software Filename and Checksum: Title:** \_\_\_\_\_ **Checksum:** \_\_\_\_\_

**Initial testing complete:**

**Test Team Leader’s Name (Print):** \_\_\_\_\_ **Life Number:** \_\_\_\_\_

**Test Team Leader’s Name (Sign):** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Acceptance test procedure complete (following repairs and retesting if required):**

**Test Team Leader’s Name (Print):** \_\_\_\_\_ **Life Number:** \_\_\_\_\_

**Test Team Leader’s Name (Sign):** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Test results reviewed by:**

**Safety Section Head’s Name (Print):** \_\_\_\_\_ **Life Number:** \_\_\_\_\_

**Safety Section Head’s Name (Sign):** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Test results accepted by Radiation Safety Committee:**

**RSC Member’s Name (Print):** \_\_\_\_\_ **Life Number:** \_\_\_\_\_

**RSC Member’s Name (Sign):** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

- 1.1 To Sweep Zone 4Z1**
- VERIFY** **Transfer** key is in **local** panel and **captured**
  - PLACE** **Peer 9** in **Mode 18** **MODE 18**
  - VERIFY** **Peer 9** is in **Controlled Access** **MODE 18**
  - CLOSE** Gates **3GI1-I/O, 3EL1, 4MD1, 4MD2, 4GE1** and **4GE2** **CLOSED**
  - VERIFY** Gates **3GI1-I/O, 3EL1, 4MD1, 4MD2, 4GE1** and **4GE2** **CLOSED**
  - RESET** Gates **3EL1, 4MD1,** and **4MD2**
  - VERIFY** Gates **3EL1** , **4MD1** , and **4MD2**  are **RESET**
  - RESET** Gate **3GI1**
  - VERIFY** Gate **3GI1** is **RESET**
  - ACTIVATE** Check station **3CS1**
  - VERIFY** Check station **3CS1** indicator ( **Area Secured** ) **BLINKS ONCE**
  - VERIFY** Gate **3EL1** is **RESET**
  - ACTIVATE** Check station **3CS2**
  - VERIFY** Check station **3CS2** indicator ( **Area Secured** ) **BLINKS ONCE**
  - ACTIVATE** Check station **3CS3**
  - VERIFY** Check station **3CS3** indicator ( **Area Secured** ) **BLINKS ONCE**
  - RESET** Gate **4GE1**
  - VERIFY** Gate **4GE1** is **RESET**
  - ACTIVATE** Check station **4XCS2**
  - VERIFY** Check station **4XCS2** indicator ( **Area Secured** ) **BLINKS ONCE**
  - ACTIVATE** Check station **4XCS3**
  - VERIFY** Check station **4XCS3** indicator ( **Area Secured** ) **BLINKS ONCE**
  - RESET** Gate **4GI1**
  - VERIFY** Gate **4GI1** is **RESET**
  - ACTIVATE** Check station **4XCS4**
  - VERIFY** Check station **4XCS4** indicator ( **Area Secured** ) **ON**
  - EXIT** Gate **4GE2** with **Simultaneous Release**, with one Personnel **inside**
  - RESET** Gate **4GE2**
  - VERIFY** Gate **4GE2** is **RESET**
  - VERIFY** **LPL** sees Zone **4Z1** **SWEPT**
- Check for test acceptance of Sweep of Zone 4Z1**

**1.2 To test that illegal exit from Swept Zone 4Z1 will drop the Sweep**

- EXIT** Gate **4GE2** **without** Simultaneous Release
  - VERIFY** **LPL** sees Zone **4Z1** **NOT SWEPT**
- Check for test acceptance that illegal exit from Swept Zone 4Z1 will drop the Sweep**

**END OF TEST PROCEDURE**

**TTL: Sign for completion of initial testing:** \_\_\_\_\_

**Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**TTL: Sign for completion of final testing:** \_\_\_\_\_

**Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_