

***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**

**8.15.1.a Chipmunk Calibration Log Sheet**

C-A OPM Procedures in which this Attachment is used.		
8.15.1		

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

V. Castillo

## CHIPMUNK CALIBRATION LOG SHEET

Technician Name \_\_\_\_\_ Date: \_\_\_\_\_

Instrument S/N: \_\_\_\_\_

Date of last calibration: \_\_\_\_\_ Test Box calibration date: \_\_\_\_\_

30 m Ci Source Distance @ 8 mr/hr: \_\_\_\_\_ cm, Source # 1595  
 150 m Ci Source Distance @ 80 mr/hr: \_\_\_\_\_ cm, Source # S-656  
 150 m Ci Source Distance @ 150 mr/hr: \_\_\_\_\_ cm, Source # S-656

Quality Factor: \_\_\_\_\_ Failsafe: \_\_\_\_\_ minutes (1.5 to 4 min. acceptable).  
 Powered ≥60 mins.(1hr.): \_\_\_\_\_

	<u>As Found</u>	<u>As Left</u>
1000 sec background count accept. range 50-200 cts	_____ counts	_____ counts <sup>ω</sup>
100 sec 8 mr/hr accept. range 432-477 cts	1. _____ counts	_____ counts
	2. _____ counts	_____ counts
	3. _____ counts	_____ counts
<b>Average</b>	_____ counts	_____ counts

100 sec 80 mr/hr accept. range 4050-5000	1. _____ counts	100 sec 150 mr/hr _____ counts accept. range 7670-9375
	2. _____ counts	_____ counts
	3. _____ counts	_____ counts
<b>Average</b>	_____ counts	_____ counts

S Level: \_\_\_\_\_

Remarks (include any repair and list of parts replaced):

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Note:**

If Chipmunk found out-of- tolerance and not repairable, remove calibration sticker, place in separate designated area, and update calibration database with description of out-of-tolerance condition.

Signature: \_\_\_\_\_  
(Signature of person(s) performing the calibration)

<sup>ω</sup> If "as found" background is in acceptable range, "as left" background need not be repeated.