

ONSITE RESTRICTED RELEASE FORM

NOTE: This form must be completed for impacted M&E moved out of an accelerator enclosure or to a reduced level of radiological posting. This form does not need to be completed for non-impacted items that: (1) originate from outside of a radiologically posted area, (2) have never been in a radiologically posted area during beam-on conditions, (3) have never contacted potentially contaminated/dispersible material, or (4) otherwise have no potential for containing radioactivity above background levels.

Destination of M&E is known and will be transferred:

- Onsite from a Radiological Area to a Radioactive Materials Area or a Controlled Area
 Other (contact Rad Safety)

Description of M&E (attach additional documentation if necessary)

Release ID: _____ Previous Release ID (if any): _____

Removed from Location: _____

Posted as: Controlled Area RMA RA HRA RBA Other : _____

Contamination Area or High Contamination Area

↳ **CONTACT RAD SAFETY, REQUIRES ADDITIONAL HANDLING PROCEDURES.**

RAF Batch ID or Work Request No. (attach results): _____

Present during beam-on conditions? NO YES UNKNOWN

Contamination possible? NO YES UNKNOWN

Is liquid present or a part of the item(s)? NO YES → **If YES, contact Rad Safety**

List additional information below, including material type(s) or composition(s):

Survey Data (follow release survey outlined in FRCM Chapter 4)

Ludlum 177-4 (Frisker)

Eberline E140N (Portable Frisker)

Bicron Analyst

Instrument ID: _____

Cal Due Date: _____ Source Check OK

Bkgd CPM: _____

Gross CPM: _____

Net CPM: _____

Wallflower Used? YES NO

If YES → Instrument ID: _____

Cal Due Date: _____

mR/hr at 1 foot: _____

Class Label Applied: 0 1 2 3 4 5 → **Contact Rad Safety for Class 2 or above**

Surveyor Information

Name: _____ Fermilab ID: _____ Date: _____

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Radioactivity Class Labels

RADIATION LEVEL	CLASS LABEL
<p>In a low background (<2000 cpm): Gross count rate¹ is less than twice the mean background count rate on a Bicron Analyst²; or</p> <p>In a moderate background (≥2000 cpm but <3000 cpm): Net count rate¹ is less than 2000 cpm on a Bicron Analyst²; or</p> <p>Net count rate¹ is less than 50 cpm above background on a Frisker</p>	CLASS 0
If above Class 0 limits, measure the exposure rate at one (1) foot:	
< 1 mR/hr	CAUTION: RADIOACTIVE MATERIAL CLASS 1
≥ 1 mR/hr and < 10 mR/hr	CAUTION: RADIOACTIVE MATERIAL CLASS 2
≥ 10 mR/hr and < 100 mR/hr	CAUTION: RADIOACTIVE MATERIAL CLASS 3
≥ 100 mR/hr and < 1000 mR/hr	DANGER: RADIOACTIVE MATERIAL CLASS 4
≥ 1000 mR/hr	DANGER: HIGHLY RADIOACTIVE MATERIAL CLASS 5

¹ Measured on contact

² Bicron Analyst scintillation probe on x10 scale