

# RPR 11A. CONTAMINATION SURVEY - PORTABLE INSTRUMENT

Page 1 of survey record initiated by \_\_\_\_\_ (name) on \_\_\_\_\_ (date)

User: \_\_\_\_\_ Group: \_\_\_\_\_ Bldg/Room(s): \_\_\_\_\_

Nuclides used: \_\_\_\_\_ Critical nuclide: \_\_\_\_\_ ALI: \_\_\_\_\_ mCi

Removable contamination limit (RCL): \_\_\_\_\_ dpm per 100 cm<sup>2</sup> (See RPR10)

## SURVEY INSTRUMENT RESPONSE TO CRITICAL NUCLIDE

<u>Survey Instrument(s) Used</u>	<u>Calib.</u> Date	<u>Bkgd.</u> Rate (cpm/cps)	<u>Instrument Calibration</u>		<u>Expected Net Response to 1 RCL (cpm or cps)</u>		
			<u>Detection</u> Isotope	<u>Efficiency</u>	[1] Direct	[2] Wipe of 100 cm <sup>2</sup>	[3] Wipe of 300 cm <sup>2</sup>
1. _____	_____	_____	_____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____	_____	_____	_____

[1] RCL x Detection Efficiency [2] RCL x Detection Efficiency [3] 3 x RCL x Detection Efficiency

## CONTAMINATION SURVEY RESULTS

- [A] Repeated entries for persons or locations that are surveyed regularly may be identified by initials or a code letter following a clearly identified entry on the same or previous sheets.
- [B] Enter "D" for a direct measurement, "100" for a 100 cm<sup>2</sup> wipe or "300" for a 300 cm<sup>2</sup> wipe.
- [C] Net count rate of meter with probe near the contaminated surface or the wipe filter.
- [D] If the count rate in [C] is greater than the expected response to 1 RCL, as listed above, enter the multiple of the RCL.

<u>Survey Date</u>	<u>Inst. # Used</u>	<u>[A]</u> Object, Location in Room or Name of Person	<u>[B]</u> Area (cm <sup>2</sup> )	<u>[C]</u> Net Rate (cpm)	<u>[D]</u> Multiple of RCL	<u>Surveyed By</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

ALL SURVEY RECORDS MUST BE RETAINED FOR AT LEAST THREE YEARS

