

RADIATION CONTAMINATION SURVEY FORM

Removable Contamination using Liquid Scintillation Detection for Beta Emitters (³H, ¹⁴C, ³²P, ³⁵S)

Building _____ Room _____ Liquid Scintillation Counter _____

Wipe Efficiency 0.1 Detector Efficiency 0.5 Wipe Area 100 cm²

Multiplication Factor 0.0033

Calculation for contamination $(\text{CPM}_{\text{sample}} - \text{CPM}_{\text{blank}}) \times 0.0033 = \text{Bq/cm}^2$

Name			Name			Name		
Date			Date			Date		
AREA	CPM	Bq/cm ²	AREA	CPM	Bq/cm ²	AREA	CPM	Bq/cm ²
1			1			1		
2			2			2		
3			3			3		
4			4			4		
5			5			5		
6			6			6		
7			7			7		
8			8			8		
9			9			9		
10			10			10		
11			11			11		
12			12			12		
Bkg			Bkg			Bkg		

Maximum limit of Contamination (Class C Radionuclides) is 3 Bq/cm² averaged over 100 cm²
 Contamination levels exceeding this level must be reported to the RSO immediately