

HOW TO DO DIRECT BETA-GAMMA CONTAMINATION SURVEYS	
FUNCTION: To locate and measure beta-gamma emitting surface contamination.	
DESCRIPTION: A portable or semi-portable contamination meter (frisker) is used to perform the survey. If contamination is found, it should be cleaned up or an effort made to prevent its spread.	
STEP	OPERATION
1	Perform the pre-operational checks on the instrument selected for the survey.
2	Select a slow response time and measure the background level. Keep the detector away from the surface you intend to measure. If the background is above 50 cps, this procedure should not be used, as the direct method of checking for contamination is not appropriate.
3	Switch the speaker ON if desired. The speaker will be an asset when you are trying to find contamination.
4	Select a fast response time and slowly pass the detector across the surface at a height of 1 cm. Take care to avoid touching the surface.
5	If readings above background are obtained, select a slower response time and hold the detector steady at 1 cm above the surface until the reading is stable.
6	If contamination levels above background are indicated, determine whether the contamination is loose or fixed. Objects with fixed contamination shall be labeled accordingly.
7	If loose contamination is found, the surface or object should be decontaminated. If decontamination is impractical, a contaminated area should be set up to isolate the contamination or the object should be bagged, labeled, and placed in a decontamination center for storage.
8	If you think that the information from the survey will be of general interest, make it available to all concerned.