

MALLINCKRODT, INC.
Diagnostic Imaging Services
9455 Midwest Avenue
Garfield Heights, OH 44125

STANDARD OPERATING PROCEDURES

DATE: November 21, 1985
ITEM: SOP No. DIS-07
PAGE: 1 of 1

SUBJECT: Loose Contamination Level Survey
OBJECTIVE: To measure and control removable radioactive contamination.
RESPONSIBILITY: Radiation Safety Officer
SCHEDULE: Working areas, generator storage, RAM storage, glove box:
Weekly

PROCEDURE:

A. Working surfaces:

1. The limit for this survey is 0.0001 uCi/100 cm² or 220 dpm/100 cm².
2. Following the facility layout guide, perform a series of wipe tests for removable contamination.
3. At each location, wipe an area of approximately 100 cm².
4. Assay each wipe and record results. Any area which shows contamination should be decontaminated and resurveyed.
5. Results should be kept containing the following information: Location, date, equipment used (including serial #), identification of individual performing survey, drawing of area surveyed, results of survey and corrective action (if any) taken.

- B. A radioactive source with a known amount of activity should be used to calculate machine efficiency and convert sample measurements (cpm) to dpm.

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