

HIGH CONTAMINATION SCREENING JOB AID

About High Contamination Screening:

Screening for highly contaminated people is an important contamination control measure in the community reception center (CRC). Staff at the Initial Sorting Station can use either alarming dose rate meters or Geiger counters to perform high contamination screenings. This screening should be quick and non-intrusive, and it should not delay entry into the CRC. Contaminated people should be escorted directly to the Wash Station.

High Contamination Screening Technique (Alarming Dosimeter):

1. Set your dose rate meter to the established screening criteria (dose rates below this level will not set off the alarm).
2. If your meter has an audible alarm, use headphones or an earpiece to help you hear the alarm and reduce anxiety among people in line.
3. Walk slowly along the line, engaging new arrivals as they approach or enter the CRC.
4. If your meter alarms, isolate the source, and ask that person to step out of line.
5. Escort the contaminated person to the Wash Station.

High Contamination Screening Technique (Count Rate Meter):

1. Set your meter to proper settings for the probe you are using and review the screening criteria.
2. If your meter has an audible signal, use headphones or an earpiece to help you hear the counts and reduce anxiety among people in line.
3. Walk slowly along the line, engaging new arrivals as they approach or enter the CRC.
4. If your meter registers readings above the screening criteria, isolate the source, and ask that person to step out of line.
5. Escort the contaminated person to the Wash Station.

Determining the Next Step:

If the person is not contaminated:

- No action is required
- Allow him to continue into the CRC

If the person is highly contaminated:

- Ask him to step out of line
- Escort him to the Wash Station
- Avoid physical contact with the person

Screening Criteria:

_____ CPM mR/hr uR/hr



Image 1: High Contamination Screening with an Alarming Dosimeter



Image 2: High Contamination Screening with a Count Rate Meter