

MLIT has developed the guideline on radiation measurement for export containers and ships in ports in response to the need for the information on radiation dose rate for containers and ships from Japan. Radiation measurement on containers and ships is due to start at Yokohama Port and Tokyo Port.

1. Framework

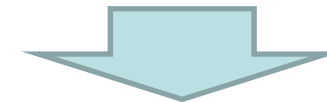
Based on MLIT guideline, port authorities or shipping companies measure the dose rate of radiation for containers and ships, and **public institutions(government of Japan, port authorities, or Class NK) issue the attestation for radiation dose measurement** on the request from shipping companies.

2. Method

Radiation measurement will be conducted at container terminal gates and decks of ships, **using mobile-type radiation meters.**

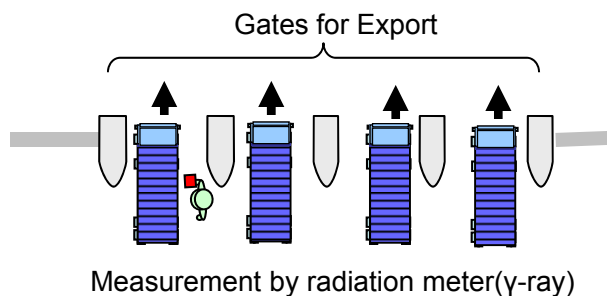
3. Indicative Criteria

According to the standard value developed by international bodies (IAEA, IMO), **criteria for decontamination is defined on the guideline.** If the measured dose rate exceeds the criteria, decontamination will be taken.

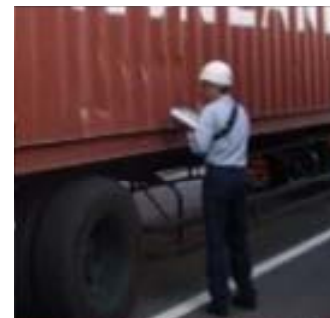


The dose rate of radiation on the surface of containers and ships is measured by mobile-type radiation meters.

Measurement at container terminal gate (image)



Radiation Measurement of Containers



Radiation Measurement of Vessel Bodies

