

Best Practice: Radiation Detection Equipment



Category:	Access Control
Location:	Port of Helsingborg Container Terminal, Sweden
Date Observed:	December 1, 2006
POC:	N/A
WWW:	www.port.helsingborg.se/eng

Description: All containers entering the facility are screened for radiation, which provides an additional layer of security in the prevention of the transport of radiological materials.

Discussion: This is a low cost and effective way to scan for radioactive materials in cargo.

Potential Down-side: The ability of the scanner to detect radioactive material will be dependent on the quality of the scanner.

Conclusion: Screening all incoming containers for radiation gives the container terminal an added level of security while not hindering any current operations.

Cost: The initial cost of purchasing the equipment can vary depending on the quality of the scanner purchased. An average cost per unit is \$300 (USD).