

Situation 6

At a customs check point a truck passes through the goods to declare channel. The driver states that he is transporting radioactive equipment. He is in possession of documents that indicate that an industrial radiography device is being sent from one office of a company to a daughter office of the same company in another country. From the documents to hand, the source is stated to be an Ir-192 source of 0.4 TBq housed in a depleted uranium shielded container as pictured. All paperwork is in order and a visual inspection indicates that the shipping container is appropriately fastened and labelled. The customs official has acquired a new “identifier” type device and decides to test it. He obtains a measurement at the side of the metal container and feels that this is (as reported by him) “too high” and the package may be faulty. He phones the authorities and they attend and take a spectrum 30 cm from the side of the box with a HPGe detector.

The operator takes a 5 minute background spectrum outside the vehicle.



Spectra provided:

Spectrum taken at the side of the box
Background spectrum

Situation 6.chn/.cnf/.spe/.txt/.phd
Situation 6 background.chn/.cnf/.spe/.txt/.phd