

RISK ASSESSMENT GUIDELINES

The following matters need to be considered (note that not all will necessarily apply):

- a) the nature of the sources of ionizing radiation to be used (eg diagnostic X-ray tube), or likely to be present, including accumulation of radon in the working environment
- b) estimated radiation dose rates to which anyone can be exposed
- c) the likelihood of contamination arising and being spread
- d) the results of any previous personal dosimetry or area monitoring relevant to the proposed work
- e) advice from the manufacturer or supplier of equipment about its safe use and maintenance
- f) engineering control measures and design features already in place or planned
- g) any planned systems of work
- h) estimated levels of airborne and surface contamination likely to be encountered
- i) the effectiveness and the suitability of personal protective equipment to be provided
- j) the extent of unrestricted access to the working areas where dose rates or contamination levels are likely to be significant
- k) possible accident situations, their likelihood and potential severity
- l) the consequences of possible failures of control measures – such as electrical interlocks, ventilation systems and warning devices – or systems of work
- m) steps to prevent identified accident situations or limit their consequences.

It is helpful to include actual figures for primary beam and scatter dose, if available.

Radon search result should be included: www.ukradon.org/services/address_search_order