

# Introduction

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- M DI IONPROE IONS RES RE OND ED O SSESSS RE HEN HERE IS NE INS IL ION Intent: For a new facility, it is particularly advantageous to make visual inspections during construction to ensure compliance with specifications and to identify faulty material or workmanship, since deficiencies can be resolved more economically at this stage than later. Such inspections include determination of thickness of lead and/or concrete thickness and density, degree of overlap between lead sheets or between lead and other barriers, as well as thickness and density of leaded glass used in viewing windows.
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  Guidance: Radiation protection surveys are conducted once every four years as a minimum. They are completed sooner if new X-ray equipment is acquired, when existing X-ray equipment is used in a different space (i.e. new operating/procedure room), if the X-

- M IL ES INGIN L DES PERFORMINGEQ IPMEN RM P SPER HE M N F RERS RE OMMEND IONS Guidance: On each procedural day where the use of X-ray equipment is planned, daily testing is performed before the start of the case in which the X-ray equipment will be used and documented in a log.
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  Intent: X-ray system procedures often use radio-opaque contrast media. The image intensifier or digital detector housing is checked for any such material which might produce artifacts on the images. X-ray systems are inspected for dust and dirt on or near the image reception area where they may negatively affect image quality. Daily testing is performed before the standard of

#### M HERE IS POL NO PRO ED RESFORR DI ION PRO E ION OF PREGN NI PERSONNEL

Guidance: The policy and procedures outline personnel responsibility for declaring a known or suspected pregnancy, radiation protection techniques (i.e. maternity or double-thickness apron) and dosimetry monitoring. Refer to Occupational Health and Safety Regulation (WorkSafeBCb\*nBT/F1 10 Tf1 0 0 aaaD36ETQq171.03 \*hBT/F1 8 Tf1 QWTf6.

#### References

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