

# Radiography equipment: Can we make it safer?

Workgroup 1b

# ISO 3999

- Revision to clarify, remove the need for interpretation
  - Source position visible from 5 meters;
  - Positive action needed to project source;
  - Strengthen number of projection cycles and real live test conditions.
- Responsible party:
  - Standards committee

# Improve visual indication

- Source out of container
- Interlock so that if not functioning, the source can not be projected.
- Responsible party:
  - Regulatory body
  - Manufacturers

# Training

- Standardise minimum training for radiographer;
  - Training program needs to be certified;
  - Content, duration, retraining frequency;
  - Training content to include operation of company owned devices.
- Responsible party:
  - Third party for certification

# Maintenance

- Regulatory bodies have to impose the maintenance prescribed by the manufacturer
- Maintenance should include the auxiliary equipment: remote control, guide tubes, collimators,...
- Responsible party:
  - Regulatory body

# Other topics discussed

- Supernational body to assess design and testing of radiography equipment
  - Difficulty: different (inter)national standards
- Auxiliary equipment:
  - Radiation meter with stopwatch?
  - Collimator fixation improvement (no socks)