

The image features the OSHA logo and tagline set against a background of the American flag. The logo consists of a stylized 'O' with a blue and grey circular design inside, followed by the letters 'S', 'H', and 'A' in a white, serif font with a drop shadow. Below the logo, the tagline 'adds value to business, work and life.' is written in a grey, serif font with a drop shadow.

OSHA

adds value to business,
work and life.

Guidance on Security Screening X-ray Devices

Security Screening Equipment and Worker Protection

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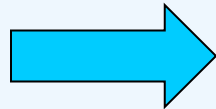
What?

- **The Occupational Safety and Health Administration (OSHA) is recommending policies and procedures that will eliminate unnecessary exposure to x-rays from security screening devices.**
 - ***Guidelines are advisory in nature and informational in content.***
 - ***Not a standard or regulation. Voluntary.***



What?

Will describe



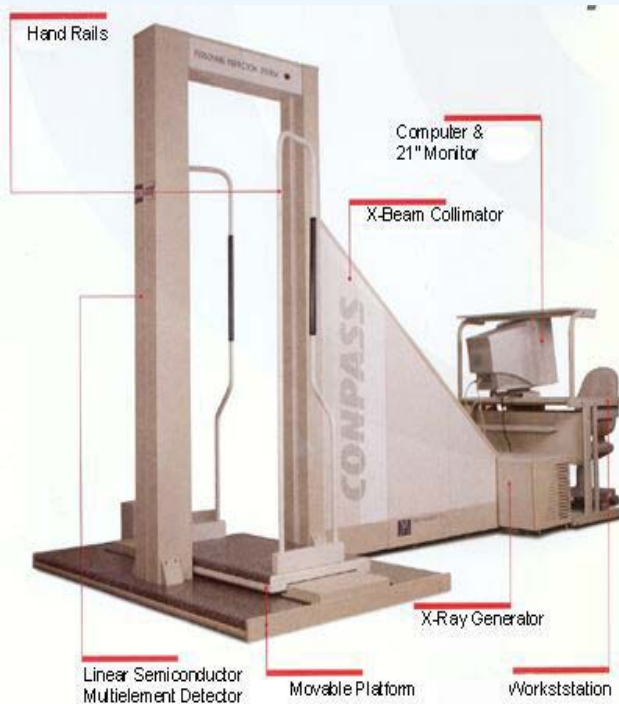
- **Potential risks and hazards**
- **Any regulatory requirements**
- **Good work practices**
- **Safety approaches and programs**



What?

- All types of uses:

Baggage
Cargo
Personnel



- Small and large systems

Why?

Technological developments and applications of x-ray machines for security screening have rapidly increased as our concern for national security and other risks has escalated.

Why?

- **More machines**
- **More screenings**
- **More workers potentially exposed**



- **Greater need to ensure good work practices while meeting our security requirements.**

Why?



References

- **NCRP Commentary No. 16 2003**
- **NCRP Commentary No. 20 2007**
- **ISCORS GUSSHUIR**
- **ANSI/IEEE 42.47-2010**
- **ANSI/IEEE 42.4006-2008**
- **ANSI/HPS N43.17-2009**
- **ANSI/HPS N43.16 (pending)**
- **NIOSH HETA #2003-0206-3067 (and other Health Hazard Evaluation reports**
- **Information from FDA**
- **Information from TSA**

Contents

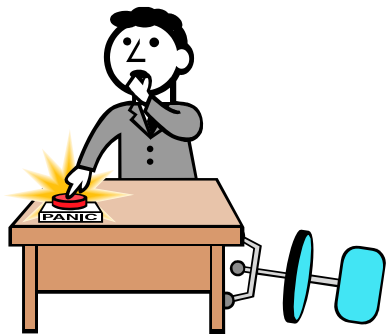
- **Executive Summary and Introduction**
- **What are X-ray screening devices?**
- **Radiation Safety**
- **What are the radiation doses?**
- **NIOSH study**
- **A process for protecting workers**
 - **Engineering and Administrative Controls**
- **Where to go for more information**
- **References and Appendices**

Audience and Stakeholders

- **Primarily Employers**
- **Should also be employee-friendly**
- **Organizations that use x-ray security screening equipment**
 - Federal government
 - State and local government
 - Private sector users, e.g. building managers, security firms, etc.

When?

- **Internal review draft completed**
- **Provide to ISCORS Guidance Subcommittee November 15**
- **ISCORS review simultaneous with OSHA/DOL review**
- **30 day comment period is the goal**
- **It is a short document -- no need to panic**



The image features the OSHA logo and tagline set against a background of the American flag. The logo consists of a stylized 'O' with a blue and grey circular design inside, followed by the letters 'S', 'H', and 'A' in a white, serif font with a slight shadow effect. Below the logo, the tagline 'adds value to business, work and life.' is written in a grey, serif font. The background is a close-up of the American flag, showing the stars and stripes in a slightly blurred, draped manner.

OSHA

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work and life.