

Asbestos Awareness, Regulations, and Controls

Presented by

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Overview of Presentation

Asbestos Awareness

- What information could be provided and needs to be provided?

Asbestos Survey

- What information is required, types of surveys, and who requires access to this information?

Labelling and Placarding

- What is required?

Inspections

- What is required and what to do with the information?



Asbestos Awareness

Part XXI Chemical and Biological Substances-General Duties of Employer-Regulation 302(3)

An employer shall:

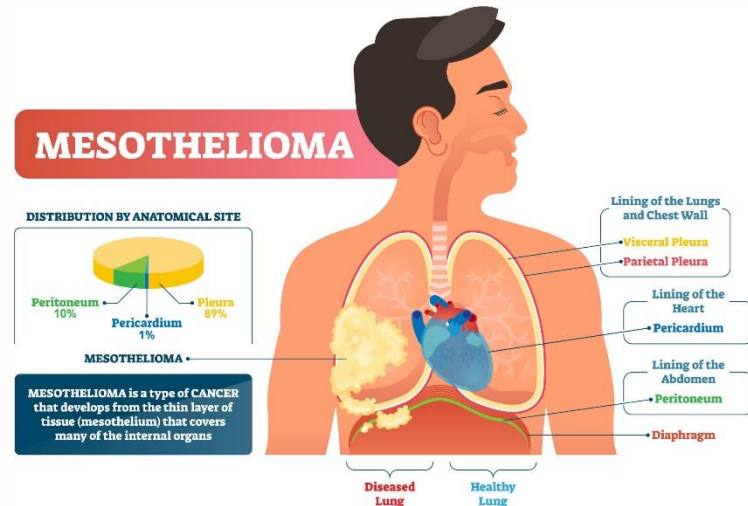
- (a) inform the workers of the nature and degree of the effects to their health or safety of any chemical substance or biological substance to which the workers are exposed in the course of their work; and
- (b) provide the workers with adequate training with respect to:
 - (i) work procedures and processes developed pursuant to clause (1)(d); and
 - (ii) the proper use of any personal protective equipment required by these regulations.

Asbestos Awareness

Part XXIII-Asbestos 342 Warning of Health Risks

An employer shall ensure that workers who are likely to be employed in an asbestos process or are likely to be exposed to asbestos dust are informed of the nature and extent of the risk to their health, including a warning that:

- (a) the inhalation of asbestos may cause:
 - (i) pneumoconiosis;
 - (ii) lung cancer; or
 - (iii) mesothelioma; and



Asbestos Awareness

(b) the risk of injury to health caused by the inhalation of asbestos is increased by smoking.



Asbestos Awareness

Understanding Asbestos

- Brief History of Asbestos



Asbestos Awareness

- The difference between friable and non-friable
- Health effects of breathing in asbestos fibres
- Common operations that could cause asbestos to be released
- Which workers are most at risk of being exposed



Asbestos Awareness

Understanding asbestos

- What to do in the event of an unexpected release
- What happens during an asbestos abatement
 - PPE
 - Procedures
 - Disposal
 - Air clearance



Asbestos Survey

Part XXIII-Asbestos 334 Identification of asbestos-containing materials

334(1) Subject to subsection (3), an employer, contractor or owner shall identify and keep a written record of the following materials that the employer, contractor or owner knows or may reasonably be expected to know are present in a place of employment and with which workers may come into contact:

- (a) asbestos-containing material;
- (b) subject to subsection (2), any material likely to contain asbestos.



Asbestos Survey

Part XXIII-Asbestos 334 Identification of asbestos-containing materials

- (2) Any material likely to contain asbestos is deemed to be asbestos-containing material for the purposes of this Part until the material is determined to be asbestos-free.
- (3) An employer, contractor or owner shall immediately identify the presence in a place of employment of all material that is likely to contain asbestos, is damaged or in poor repair and is likely to release asbestos dust into the atmosphere at the place of employment.

Asbestos Survey

Part XXIII-Asbestos 334 Identification of asbestos-containing materials

(4) An employer, contractor or owner shall ensure that the identification and assessment of asbestos-containing materials pursuant to subsection (1) or the determination of asbestos-free materials pursuant to subsection (2) is performed only by a competent person.

(4.1) An employer, contractor or owner shall ensure that the written record mentioned in subsection (1) includes the following information for each asbestos-containing material or each type of asbestos-containing material:

- (a) its location;
- (b) its characteristics;
- (c) its accessibility.

(4.2) An employer, contractor or owner shall ensure that the written record mentioned in subsection (1) is updated each time asbestos-containing material is added to or removed from the place of employment.

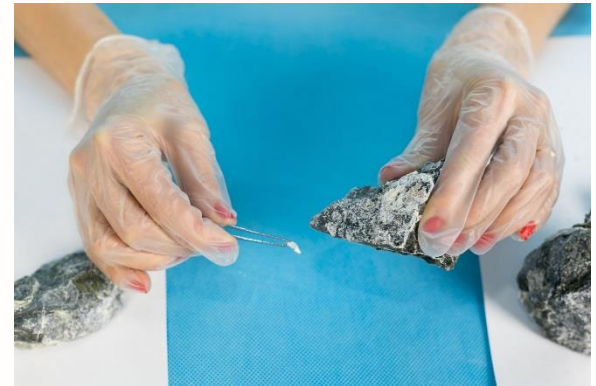
(5) An employer, contractor or owner shall make a copy of the written record mentioned in subsections (1), (3), (4.1) and (4.2) readily available for reference by:

- (a) the committee;
- (b) the representative; and
- (c) the workers.

Asbestos Survey

What is required in the survey and who can use it

- Who can actually perform an asbestos survey?
- Definition of competent
 - “competent” means possessing knowledge, experience and training to perform a specific duty.
- How to determine what is asbestos-containing and what is “potentially” asbestos-containing
 - Positives vs negatives of “potentially asbestos-containing”



Asbestos Survey

- Difference between an asbestos management survey and a pre-reno/demo survey
- Who is responsible to perform each type of survey
- What type of upkeep is required after the survey






Asbestos Survey

What is required in the survey and who can use it

- How to read a survey
- Who should have access to an asbestos survey
- What info is required for each asbestos-containing building material
 - Location
 - Characteristics
 - Accessibility

Asbestos Survey

Asbestos in this Facility		Search within this facility   		
Location In Facility	Type of Asbestos Containing Material	Characteristics	Accessibility	Comments (optional)
Basement – Boiler Room, C.S. line anchor	Boiler parging	Chrysotile - 85% - Friable	Accessible to maintenance and operations staff only	
Main Floor – Pipe Chase Corridor	Pipe riser insulation	Chrysotile - 85% - Friable	Accessible to all building occupants	
Judge's Elevator	Vinyl floor tile, white	Chrysotile - 2% - Non-friable	Accessible to all building occupants	
Basement – Storage File Room	Pipe elbow insulation (50mm)	Chrysotile - 40% - Friable	Accessible to all building occupants	

Labelling and Placarding

Part XXIII-Asbestos 335 Labelling, placarding, etc.

(1) Where workers have access to asbestos-containing materials identified pursuant to subsection 334(1), an employer, contractor or owner shall ensure that:

(a) the asbestos-containing materials are clearly and conspicuously labelled as asbestos;

(b) the presence and location of the asbestos-containing materials are clearly indicated on a placard that is posted in a conspicuous location as close as possible to the asbestos-containing materials; or

(c) the presence and location of the asbestos-containing materials are clearly indicated on a map or plan that is readily available to the workers.

(2) An employer, contractor or owner shall ensure that a label, placard, map or plan required by subsection (1) contains a warning of the danger to health from taking asbestos fibres into the body.

Labelling and Placarding

- What is required?
 - What does that look like?
 - How does the general public view labelling



Inspections

Part XXIII-Asbestos 336 Inspections

- (1) An employer, contractor or owner shall ensure that all friable asbestos-containing material and all sprayed-on asbestos surfaces are regularly inspected by the employer, contractor or owner and are inspected at least annually by a competent person to confirm that the material is not releasing, and is not likely to release, asbestos dust into the atmosphere.
- (2) An employer, contractor or owner shall keep a written record of the annual inspection mentioned in subsection (1) and make a copy of the record available for reference by the workers.

Inspections

- What is required?
- Who can perform the inspections?
- What should you do with that information?

Asbestos Control Plan

Part XXIII-Asbestos 337 Asbestos Processes

337(1) An employer or contractor shall:

- (a) ensure that every asbestos process is carried out in a manner that prevents, to the extent that is practicable, the release into the air of asbestos dust;
- (b) in consultation with the committee, develop an asbestos control plan that protects the health and safety of all workers in the event of the dispersal of asbestos dust into the atmosphere at a place of employment or worksite; and
- (c) implement the asbestos control plan developed pursuant to clause (b).

Asbestos Control Plan

Part XXIII-Asbestos 337 Asbestos Processes

(2) A plan developed pursuant to subsection (1) must be in writing and must include:

(a) the emergency procedures to be used in case of an uncontrolled release of asbestos, including:

(i) the means to protect exposed workers;

(ii) the methods to confine and control the release of asbestos; and

(iii) the decontamination procedures to be used;

(b) the asbestos processes that workers may undertake;

(c) the training of workers in any asbestos process the workers may be required or permitted to undertake;

(d) the methods to control the release of asbestos dust;

(e) the personal protective equipment that workers may be required to use;

Asbestos Control Plan

Part XXIII-Asbestos 337 Asbestos Processes

(f) the decontamination procedures for:

(i) the worksite; and

(ii) the workers who undertake any asbestos process; and

(g) the inspection and maintenance schedule for all asbestos-containing materials.

(3) An employer or contractor shall make a copy of the plan developed pursuant to subsection (1) readily available for reference by workers.

(4) Where an asbestos process is undertaken, an employer, contractor or owner shall ensure that:

(a) the area is effectively isolated or otherwise enclosed to prevent the escape of asbestos dust to any other part of the place of employment;

(b) a warning notice is conspicuously displayed indicating that asbestos work is in progress;

(c) all asbestos-containing materials removed are placed in appropriate receptacles that are impervious to asbestos and that are clearly labelled "Asbestos"; and

(d) the receptacles mentioned in clause (c) are handled and transported in a manner that will protect them from physical damage.

Questions?

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