

# **International Labour Conference**

## **CONVENTION 162**

**CONVENTION CONCERNING SAFETY IN THE USE OF ASBESTOS,  
ADOPTED BY THE CONFERENCE AT ITS SEVENTY-SECOND SESSION,  
GENEVA, 24 JUNE 1986**

## Convention 162

### CONVENTION CONCERNING SAFETY IN THE USE OF ASBESTOS

The General Conference of the International Labour Organisation,  
Having been convened at Geneva by the Governing Body of the International Labour Office, and having met in its Seventy-second Session on 4 June 1986, and

Noting the relevant international labour Conventions and Recommendations, and in particular the Occupational Cancer Convention and Recommendation, 1974, the Working Environment (Air Pollution, Noise and Vibration) Convention and Recommendation, 1977, the Occupational Safety and Health Convention and Recommendation, 1981, the Occupational Health Services Convention and Recommendation, 1985, the list of occupational diseases as revised in 1980 appended to the Employment Injury Benefits Convention, 1964, as well as the *Code of practice on safety in the use of asbestos*, published by the International Labour Office in 1984, which establish the principles of national policy and action at the national level,

Having decided upon the adoption of certain proposals with regard to safety in the use of asbestos, which is the fourth item on the agenda of the session, and

Having determined that these proposals shall take the form of an international Convention;

adopts this twenty-fourth day of June of the year one thousand nine hundred and eighty-six the following Convention, which may be cited as the Asbestos Convention, 1986:

#### PART I. SCOPE AND DEFINITIONS

##### *Article 1*

1. This Convention applies to all activities involving exposure of workers to asbestos in the course of work.

2. A Member ratifying this Convention may, after consultation with the most representative organisations of employers and workers concerned, and on the basis of an assessment of the health hazards involved and the safety measures applied, exclude particular branches of economic activity or particular undertakings from the application of certain provisions of the Convention when it is satisfied that their application to these branches or undertakings is unnecessary.

3. The competent authority, when deciding on the exclusion of particular branches of economic activity or particular undertakings, shall take into account the frequency, duration and level of exposure, as well as the type of work and the conditions at the workplace.

##### *Article 2*

For the purpose of this Convention—

- (a) the term “asbestos” means the fibrous form of mineral silicates belonging to rock-forming minerals of the serpentine group, i.e. chrysotile (white asbestos), and of the amphibole group, i.e. actinolite, amosite (brown asbestos, cummingtonite-grunerite), anthophyllite, crocidolite (blue asbestos), tremolite, or any mixture containing one or more of these;
- (b) the term “asbestos dust” means airborne particles of asbestos or settled particles of asbestos which are liable to become airborne in the working environment;

- (c) the term "airborne asbestos dust" means, for purposes of measurement, dust particles measured by gravimetric assessment or other equivalent method;
- (d) the term "respirable asbestos fibres" means asbestos fibres having a diameter of less than 3  $\mu\text{m}$  and a length-to-diameter ratio greater than 3:1. Only fibres of a length greater than 5  $\mu\text{m}$  shall be taken into account for purposes of measurement;
- (e) the term "exposure to asbestos" means exposure at work to airborne respirable asbestos fibres or asbestos dust, whether originating from asbestos or from minerals, materials or products containing asbestos;
- (f) the term "workers" includes the members of production co-operatives;
- (g) the term "workers' representatives" means the workers' representatives recognised as such by national law or practice, in conformity with the Workers' Representatives Convention, 1971.

## PART II. GENERAL PRINCIPLES

### *Article 3*

1. National laws or regulations shall prescribe the measures to be taken for the prevention and control of, and protection of workers against, health hazards due to occupational exposure to asbestos.

2. National laws and regulations drawn up in pursuance of paragraph 1 of this Article shall be periodically reviewed in the light of technical progress and advances in scientific knowledge.

3. The competent authority may permit temporary derogations from the measures prescribed pursuant to paragraph 1 of this Article, under conditions and within limits of time to be determined after consultation with the most representative organisations of employers and workers concerned.

4. In granting derogations in pursuance of paragraph 3 of this Article, the competent authority shall ensure that the necessary precautions are taken to protect the workers' health.

### *Article 4*

The competent authority shall consult the most representative organisations of employers and workers concerned on the measures to be taken to give effect to the provisions of this Convention.

### *Article 5*

1. The enforcement of the laws and regulations adopted pursuant to Article 3 of this Convention shall be secured by an adequate and appropriate system of inspection.

2. National laws or regulations shall provide for the necessary measures, including appropriate penalties, to ensure effective enforcement of and compliance with the provisions of this Convention.

### *Article 6*

1. Employers shall be made responsible for compliance with the prescribed measures.

2. Whenever two or more employers undertake activities simultaneously at one workplace, they shall co-operate in order to comply with the prescribed measures, without prejudice to the responsibility of each employer for the health and safety of the workers he employs. The competent authority shall prescribe the general procedures of this co-operation when it is necessary.

3. Employers shall, in co-operation with the occupational safety and health services, and after consultation with the workers' representatives concerned, prepare procedures for dealing with emergency situations.

#### *Article 7*

Workers shall be required, within the limits of their responsibility, to comply with prescribed safety and hygiene procedures relating to the prevention and control of, and protection against, health hazards due to occupational exposure to asbestos.

#### *Article 8*

Employers and workers or their representatives shall co-operate as closely as possible at all levels in the undertaking in the application of the measures prescribed pursuant to this Convention.

### PART III. PROTECTIVE AND PREVENTIVE MEASURES

#### *Article 9*

The national laws or regulations adopted pursuant to Article 3 of this Convention shall provide that exposure to asbestos shall be prevented or controlled by one or more of the following measures:

- (a) making work in which exposure to asbestos may occur subject to regulations prescribing adequate engineering controls and work practices, including workplace hygiene;
- (b) prescribing special rules and procedures, including authorisation, for the use of asbestos or of certain types of asbestos or products containing asbestos or for certain work processes.

#### *Article 10*

Where necessary to protect the health of workers and technically practicable, national laws or regulations shall provide for one or more of the following measures—

- (a) replacement of asbestos or of certain types of asbestos or products containing asbestos by other materials or products or the use of alternative technology, scientifically evaluated by the competent authority as harmless or less harmful, whenever this is possible;
- (b) total or partial prohibition of the use of asbestos or of certain types of asbestos or products containing asbestos in certain work processes.

#### *Article 11*

1. The use of crocidolite and products containing this fibre shall be prohibited.

2. The competent authority shall be empowered, after consultation with the most representative organisations of employers and workers concerned, to permit derogations from the prohibition contained in paragraph 1 of this Article when replacement is not reasonably practicable, provided that steps are taken to ensure that the health of workers is not placed at risk.

#### *Article 12*

1. Spraying of all forms of asbestos shall be prohibited.

2. The competent authority shall be empowered, after consultation with the most representative organisations of employers and workers concerned, to permit derogations from the prohibition contained in paragraph 1 of this Article when

alternative methods are not reasonably practicable, provided that steps are taken to ensure that the health of workers is not placed at risk.

#### *Article 13*

National laws and regulations shall provide that employers shall notify to the competent authority, in a manner and to the extent prescribed by it, certain types of work involving exposure to asbestos.

#### *Article 14*

Producers and suppliers of asbestos and manufacturers and suppliers of products containing asbestos shall be made responsible for adequate labelling of the container and, where appropriate, the product, in a language and manner easily understood by the workers and the users concerned, as prescribed by the competent authority.

#### *Article 15*

1. The competent authority shall prescribe limits for the exposure of workers to asbestos or other exposure criteria for the evaluation of the working environment.

2. The exposure limits or other exposure criteria shall be fixed and periodically reviewed and updated in the light of technological progress and advances in technological and scientific knowledge.

3. In all workplaces where workers are exposed to asbestos, the employer shall take all appropriate measures to prevent or control the release of asbestos dust into the air, to ensure that the exposure limits or other exposure criteria are complied with and also to reduce exposure to as low a level as is reasonably practicable.

4. When the measures taken in pursuance of paragraph 3 of this Article do not bring exposure to asbestos within the exposure limits or do not comply with the other exposure criteria specified in pursuance of paragraph 1 of this Article, the employer shall provide, maintain and replace, as necessary, at no cost to the workers, adequate respiratory protective equipment and special protective clothing as appropriate. Respiratory protective equipment shall comply with standards set by the competent authority, and be used only as a supplementary, temporary, emergency or exceptional measure and not as an alternative to technical control.

#### *Article 16*

Each employer shall be made responsible for the establishment and implementation of practical measures for the prevention and control of the exposure of the workers he employs to asbestos and for their protection against the hazards due to asbestos.

#### *Article 17*

1. Demolition of plants or structures containing friable asbestos insulation materials, and removal of asbestos from buildings or structures in which asbestos is liable to become airborne, shall be undertaken only by employers or contractors who are recognised by the competent authority as qualified to carry out such work in accordance with the provisions of this Convention and who have been empowered to undertake such work.

2. The employer or contractor shall be required before starting demolition work to draw up a work plan specifying the measures to be taken, including measures to—

(a) provide all necessary protection to the workers;

- (b) limit the release of asbestos dust into the air; and
- (c) provide for the disposal of waste containing asbestos in accordance with Article 19 of this Convention.

3. The workers or their representatives shall be consulted on the work plan referred to in paragraph 2 of this Article.

#### *Article 18*

1. Where workers' personal clothing may become contaminated with asbestos dust, the employer, in accordance with national laws or regulations and in consultation with the workers' representatives, shall provide appropriate work clothing, which shall not be worn outside the workplace.

2. The handling and cleaning of used work clothing and special protective clothing shall be carried out under controlled conditions, as required by the competent authority, to prevent the release of asbestos dust.

3. National laws or regulations shall prohibit the taking home of work clothing and special protective clothing and of personal protective equipment.

4. The employer shall be responsible for the cleaning, maintenance and storage of work clothing, special protective clothing and personal protective equipment.

5. The employer shall provide facilities for workers exposed to asbestos to wash, take a bath or shower at the workplace, as appropriate.

#### *Article 19*

1. In accordance with national law and practice, employers shall dispose of waste containing asbestos in a manner that does not pose a health risk to the workers concerned, including those handling asbestos waste, or to the population in the vicinity of the enterprise.

2. Appropriate measures shall be taken by the competent authority and by employers to prevent pollution of the general environment by asbestos dust released from the workplace.

### **PART IV. SURVEILLANCE OF THE WORKING ENVIRONMENT AND WORKERS' HEALTH**

#### *Article 20*

1. Where it is necessary for the protection of the health of workers, the employer shall measure the concentrations of airborne asbestos dust in workplaces, and shall monitor the exposure of workers to asbestos at intervals and using methods specified by the competent authority.

2. The records of the monitoring of the working environment and of the exposure of workers to asbestos shall be kept for a period prescribed by the competent authority.

3. The workers concerned, their representatives and the inspection services shall have access to these records.

4. The workers or their representatives shall have the right to request the monitoring of the working environment and to appeal to the competent authority concerning the results of the monitoring.

#### *Article 21*

1. Workers who are or have been exposed to asbestos shall be provided, in accordance with national law and practice, with such medical examinations as are

necessary to supervise their health in relation to the occupational hazard, and to diagnose occupational diseases caused by exposure to asbestos.

2. The monitoring of workers' health in connection with the use of asbestos shall not result in any loss of earnings for them. It shall be free of charge and, as far as possible, shall take place during working hours.

3. Workers shall be informed in an adequate and appropriate manner of the results of their medical examinations and receive individual advice concerning their health in relation to their work.

4. When continued assignment to work involving exposure to asbestos is found to be medically inadvisable, every effort shall be made, consistent with national conditions and practice, to provide the workers concerned with other means of maintaining their income.

5. The competent authority shall develop a system of notification of occupational diseases caused by asbestos.

#### PART V. INFORMATION AND EDUCATION

##### *Article 22*

1. The competent authority shall make appropriate arrangements, in consultation and collaboration with the most representative organisations of employers and workers concerned, to promote the dissemination of information and the education of all concerned with regard to health hazards due to exposure to asbestos and to methods of prevention and control.

2. The competent authority shall ensure that employers have established written policies and procedures on measures for the education and periodic training of workers on asbestos hazards and methods of prevention and control.

3. The employer shall ensure that all workers exposed or likely to be exposed to asbestos are informed about the health hazards related to their work, instructed in preventive measures and correct work practices and receive continuing training in these fields.

#### PART VI. FINAL PROVISIONS

##### *Article 23*

The formal ratifications of this Convention shall be communicated to the Director-General of the International Labour Office for registration.

##### *Article 24*

1. This Convention shall be binding only upon those Members of the International Labour Organisation whose ratifications have been registered with the Director-General.

2. It shall come into force twelve months after the date on which the ratifications of two Members have been registered with the Director-General.

3. Thereafter, this Convention shall come into force for any Member twelve months after the date on which its ratification has been registered.

##### *Article 25*

1. A Member which has ratified this Convention may denounce it after the expiration of ten years from the date on which the Convention first comes into force, by an act communicated to the Director-General of the International Labour

Office for registration. Such denunciation shall not take effect until one year after the date on which it is registered.

2. Each Member which has ratified this Convention and which does not, within the year following the expiration of the period of ten years mentioned in the preceding paragraph, exercise the right of denunciation provided for in this Article, will be bound for another period of ten years and, thereafter, may denounce this Convention at the expiration of each period of ten years under the terms provided for in this Article.

#### Article 26

1. The Director-General of the International Labour Office shall notify all Members of the International Labour Organisation of the registration of all ratifications and denunciations communicated to him by the Members of the Organisation.

2. When notifying the Members of the Organisation of the registration of the second ratification communicated to him, the Director-General shall draw the attention of the Members of the Organisation to the date upon which the Convention will come into force.

#### Article 27

The Director-General of the International Labour Office shall communicate to the Secretary-General of the United Nations for registration in accordance with Article 102 of the Charter of the United Nations full particulars of all ratifications and acts of denunciation registered by him in accordance with the provisions of the preceding Articles.

#### Article 28

At such times as it may consider necessary the Governing Body of the International Labour Office shall present to the General Conference a report on the working of this Convention and shall examine the desirability of placing on the agenda of the Conference the question of its revision in whole or in part.

#### Article 29

1. Should the Conference adopt a new Convention revising this Convention in whole or in part, then, unless the new Convention otherwise provides—

- (a) the ratification by a Member of the revising Convention shall *ipso jure* involve the immediate denunciation of this Convention, notwithstanding the provisions of Article 25 above, if and when the new revising Convention shall have come into force;
- (b) as from the date when the new revising Convention comes into force this Convention shall cease to be open to ratification by the Members.

2. This Convention shall in any case remain in force in its actual form and content for those Members which have ratified it but have not ratified the revising Convention.

#### Article 30

The English and French versions of the text of this Convention are equally authoritative.



The foregoing is the authentic text of the Convention duly adopted by the General Conference of the International Labour Organisation during its Seventy-second Session which was held at Geneva and declared closed the twenty-fifth day of June 1986.

IN FAITH WHEREOF we have appended our signatures this twenty-sixth day of June 1986.

*The President of the Conference,*

HUGO FERNÁNDEZ FAINGOLD

*The Director-General of the International Labour Office,*

FRANCIS BLANCHARD