

## ANNEX

### R194 List of Occupational Diseases Recommendation, 2002

#### LIST OF OCCUPATIONAL DISEASES

##### **1. Diseases caused by agents**

- 1.1. Diseases caused by chemical agents
  - 1.1.1. Diseases caused by beryllium or its toxic compounds
  - 1.1.2. Diseases caused by cadmium or its toxic compounds
  - 1.1.3. Diseases caused by phosphorus or its toxic compounds
  - 1.1.4. Diseases caused by chromium or its toxic compounds
  - 1.1.5. Diseases caused by manganese or its toxic compounds
  - 1.1.6. Diseases caused by arsenic or its toxic compounds
  - 1.1.7. Diseases caused by mercury or its toxic compounds
  - 1.1.8. Diseases caused by lead or its toxic compounds
  - 1.1.9. Diseases caused by fluorine or its toxic compounds
  - 1.1.10. Diseases caused by carbon disulphide
  - 1.1.11. Diseases caused by the toxic halogen derivatives of aliphatic or aromatic hydrocarbons
  - 1.1.12. Diseases caused by benzene or its toxic homologues
  - 1.1.13. Diseases caused by toxic nitro- and amino-derivatives of benzene or its homologues
  - 1.1.14. Diseases caused by nitroglycerine or other nitric acid esters
  - 1.1.15. Diseases caused by alcohols, glycols or ketones
  - 1.1.16. Diseases caused by asphyxiants: carbon monoxide, hydrogen cyanide or its toxic derivatives, hydrogen sulphide

- 1.1.17. Diseases caused by acrylonitrile
- 1.1.18. Diseases caused by oxides of nitrogen
- 1.1.19. Diseases caused by vanadium or its toxic compounds
- 1.1.20. Diseases caused by antimony or its toxic compounds
- 1.1.21. Diseases caused by hexane
- 1.1.22. Diseases of teeth caused by mineral acids
- 1.1.23. Diseases caused by pharmaceutical agents
- 1.1.24. Diseases caused by thallium or its compounds
- 1.1.25. Diseases caused by osmium or its compounds
- 1.1.26. Diseases caused by selenium or its compounds
- 1.1.27. Diseases caused by copper or its compounds
- 1.1.28. Diseases caused by tin or its compounds
- 1.1.29. Diseases caused by zinc or its compounds
- 1.1.30. Diseases caused by ozone, phosgene
- 1.1.31. Diseases caused by irritants: benzoquinone and other corneal irritants
- 1.1.32. Diseases caused by any other chemical agents not mentioned in the preceding items 1.1.1 to 1.1.31, where a link between the Exposure of a worker to these chemical agents and the diseases suffered is established
- 1.2. Diseases caused by physical agents
  - 1.2.1. Hearing impairment caused by noise
  - 1.2.2. Diseases caused by vibration (disorders of muscles, tendons, bones, joints, peripheral blood vessels or peripheral nerves)
  - 1.2.3. Diseases caused by work in compressed air
  - 1.2.4. Diseases caused by ionizing radiations
  - 1.2.5. Diseases caused by heat radiation

- 1.2.6. Diseases caused by ultraviolet radiation
- 1.2.7. Diseases caused by extreme temperature (e.g. sunstroke, frostbite)
- 1.2.8. Diseases caused by any other physical agents not mentioned in the preceding items 1.2.1 to 1.2.7, where a direct link between the exposure of a worker to these physical agents and the diseases suffered is established

**1.3. Diseases caused by biological agents**

- 1.3.1. Infectious or parasitic diseases contracted in an occupation where there is a particular risk of contamination

**2. Diseases by target organ systems**

**2.1. Occupational respiratory diseases**

- 2.1.1. Pneumoconioses caused by sclerogenic mineral dust (silicosis, anthraco-silicosis, asbestosis) and silicotuberculosis, provided that silicosis is an essential factor in causing the resultant incapacity or death
- 2.1.2. Bronchopulmonary diseases caused by hard-metal dust
- 2.1.3. Bronchopulmonary diseases caused by cotton, flax, hemp or sisal dust (byssinosis)
- 2.1.4. Occupational asthma caused by recognized sensitizing agents or irritants inherent to the work process
- 2.1.5. Extrinsic allergic alveolitis caused by the inhalation of organic dusts, as prescribed by national legislation
- 2.1.6. Siderosis
- 2.1.7. Chronic obstructive pulmonary diseases
- 2.1.8. Diseases of the lung caused by aluminium
- 2.1.9. Upper airways disorders caused by recognized sensitizing agents or irritants inherent to the work process
- 2.1.10. Any other respiratory disease not mentioned in the preceding items 2.1.1 to 2.1.9, caused by an agent where a direct link between the exposure of a worker to this agent and the disease suffered is established

## **2.2. Occupational skin diseases**

2.2.1. Skin diseases caused by physical, chemical or biological agents not included under other items

2.2.2. Occupational vitiligo

2.3. Occupational musculo-skeletal disorders

2.3.1. Musculo-skeletal diseases caused by specific work activities or work environment where particular risk factors are present

Examples of such activities or environment include:

- (a) rapid or repetitive motion
- (b) forceful exertion
- (c) excessive mechanical force concentration
- (d) awkward or non-neutral postures
- (e) vibration

Local or environmental cold may increase risk

## **3. Occupational cancer**

3.1. Cancer caused by the following agents

3.1.1. Asbestos

3.1.2. Benzidine and its salts

3.1.3. Bischloromethyl ether (BCME)

3.1.4. Chromium and chromium compounds

3.1.5. Coal tars, coal tar pitches or soots

3.1.6. Beta-naphthylamine

3.1.7. Vinyl chloride

3.1.8. Benzene or its toxic homologues

- 3.1.9. Toxic nitro- and amino-derivatives of benzene or its homologues
- 3.1.10. Ionizing radiations
- 3.1.11. Tar, pitch, bitumen, mineral oil, anthracene, or the compounds, products or residues of these substances
- 3.1.12. Coke oven emissions
- 3.1.13. Compounds of nickel
- 3.1.14. Wood dust
- 3.1.15. Cancer caused by any other agents not mentioned in the preceding items 3.1.1 to 3.1.14, where a direct link between the exposure of a worker to this agent and the cancer suffered is established

#### **4. Other diseases**

- 4.1. Miners' nystagmus