

# Chapter 8 - Health and safety (factory's production sites and dormitories)

## Health and safety

### Key points

- Health and Safety
- Chemical
- Fire equipment
- Sanitation



“The term chemical refers to chemical elements and compounds, and their mixtures, whether natural or synthetic such as those obtained through production processes. Hazardous chemicals are classified according to the type and degree of their intrinsic health and physical hazards.” - *Chemicals Convention, 1990 (No. 170)*

- Documentation on building safety and fire safety.
- Health and safety risk assessment management.
- Trainings on health and safety for all employees.
- Trainings for emergency response personnel.
- Modalities of fire drills.
- Existence and communication of accident and emergency plans and procedures.
- Emergency exit paths visibility and accessibility.
- Emergency exit doors and windows visibility and accessibility.
- Fire equipment visibility and accessibility (fire extinguishers, smoke detectors, fire hydrants etc.).
- Electrical equipment (electrical panels, wires and outlets).
- Production machinery safety.
- Hazardous, Flammable and Combustible Materials.
- Personal protective equipment (PPE).
- Sanitation (washing areas, toilet areas and potable water).
- Medical care and first aid kit.
- Trainings of employees on medical care administration.



### ILO conventions

- **Protection of Workers' Health** : [Protection of Workers' Health Recommendation, 1953 \(No. 97\)](#);
- **Working Environment** : [Working Environment \(Air Pollution, Noise and Vibration\) Convention, 1977 \(No. 148\)](#) ;
- **Occupational Safety and Health** :
  - [Occupational Safety and Health Convention, 1981 \(No. 155\)](#) ;
  - [Occupational Safety and Health Recommendation, 1981 \(No. 164\)](#) ;
- **Occupational Health Services Convention** :
  - [Occupational Health Services Convention, 1985 \(No. 161\)](#) ;
  - [Occupational Health Services Recommendation, 1985 \(No. 171\)](#)

Every hour 38 workers die  
from water-related diseases.

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**EVERY 15 SECONDS**  
**150 WORKERS HAVE AN ACCIDENT**  
**THAT'S 317 MILLION ACCIDENTS A YEAR**



**For more information:**

**About Health and Safety:**

- [Safety and health at the wood workshop](#);
- [ILO Topics: Occupational Safety & Health](#);
- [Warehouse health and safety hazards](#) ;

**About Water and Sanitation:**

- [The Factory Worker: World Water Day 2016](#);
- [WASH4Work](#).
- [ILO Toolkits: A 'How To' on Water and Sanitation in the Workplace](#)

- **Chemicals:** [Chemicals Convention, 1990 \(No. 170\)](#) ;
- **Protocol of 2002 to the Occupational Safety and Health:** [Protocol of 2002 to the Occupational Safety and Health Convention, 1981](#);
- **Prevention of Major Industrial Accidents:** [Prevention of Major Industrial Accidents Convention, 1993 \(No. 174\)](#) ;
- **Promotional Framework for Occupational Safety:**
  - [Promotional Framework for Occupational Safety and Health Convention, 2006 \(No. 187\)](#) ;
  - [Promotional Framework for Occupational Safety and Health Recommendation, 2006 \(No. 197\)](#) .