

IMPROVEMENT OF JOB QUALITY AND ENSURING BETTER WORK CONDITIONS



*Federation of Industrial
Workers' Unions*



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DEFINITIONS. LABOUR ACCIDENT

A labour accident is defined as an external violent event giving rise to work incapability TO WORK. This incapability may be temporary or permanent.

DEFINITIONS. WORK-RELATED DISEASES

A work-related disease as the ill-health that is judged to have been caused by or made worse by a person's work activity or environment.

This harmful impact comprises worker's both physical and psychological health.

IMPORTANCE OF HEALTH AND SAFETY

The need for occupational health and safety comes just after the vital physical needs in the needs hierarchy depicted in the pyramid of Maslow.

IMPACT OF LABOUR ACCIDENTS AND WORK-RELATED DISEASES (1)

On workers:

- Health problem
- Potentially employment problem
- Potentially family problem

IMPACT OF LABOUR ACCIDENTS AND WORK-RELATED DISEASES (2)

On companies:

- ⦿ Problem from absenteeism
- ⦿ Decrease of the commitment of workers to their work
- ⦿ Deterioration of the business climate
- ⦿ Increase of defective products/services

IMPACT OF LABOUR ACCIDENTS AND WORK-RELATED DISEASES (3)

On the state:

- Additional costs for the Health services
- Additional costs for pensions

LABOUR ACCIDENTS AND WORK-RELATED DISEASES

Importance of information, education/training and prevention

STAKEHOLDERS

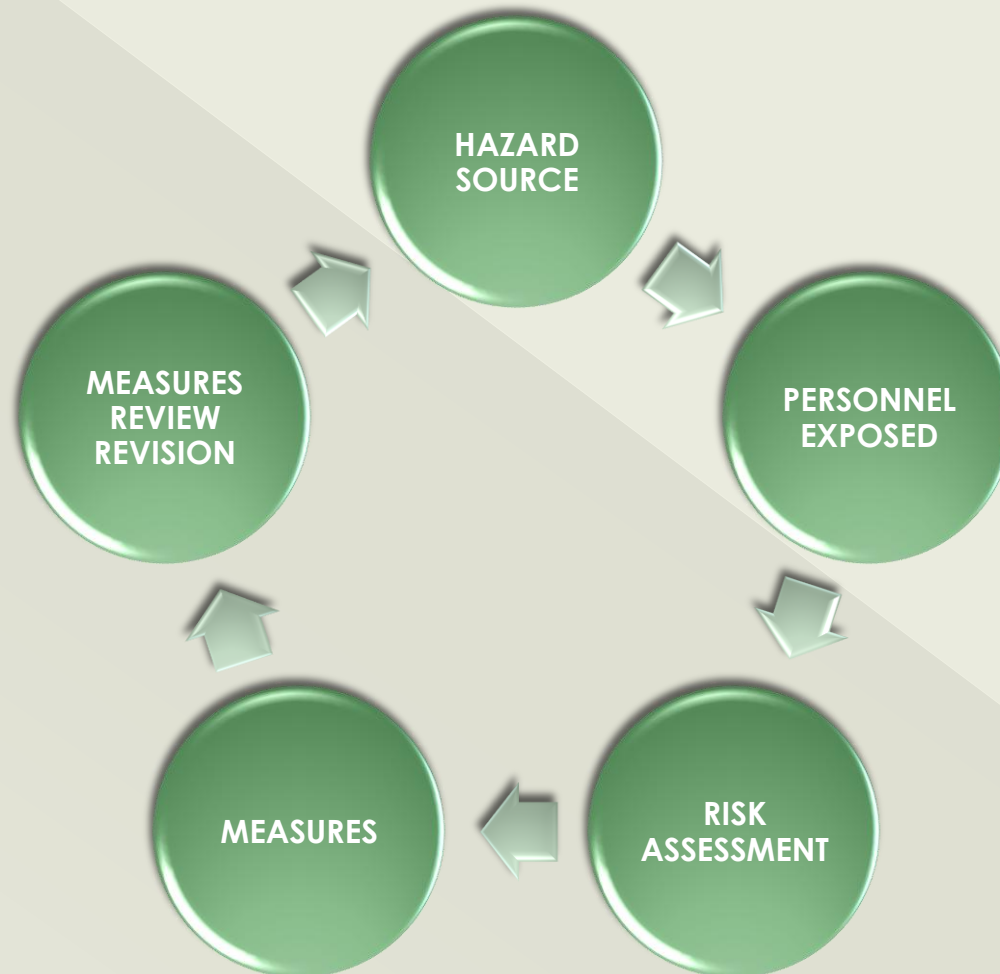
- ◉ Workers (individually and collectively)
- ◉ Companies (Management, production supervisors, designers and work planning engineers)
- ◉ Safety engineers, labour doctors
- ◉ State and competent authorities

OCCUPATIONAL RISK IDENTIFICATION AND ASSESSMENT (1)

Objective:

- What could provoke damage or injury?
- Could sources of risks be eliminated?
- What preventive or protective measures are being or should be implemented?

OCCUPATIONAL RISK IDENTIFICATION AND ASSESSMENT (2)



HAZARD SOURCES (1)

Dangerous material or equipment, e.g.:

- Inflammable or toxic materials
- Heavy materials
- Improper buildings
- Badly designed (non-ergonomic) equipment
- Poor maintenance
- Poor labeling

HAZARD SOURCES (2)

Due to the environment, e.g.:

- ⦿ Physical hazards (e.g. noise, light, radiation, temperature)
- ⦿ Chemical (e.g. evaporation, caustic liquids, explosives)
- ⦿ Biological (e.g. viruses, bacteria)
- ⦿ Psychological (e.g. workload, harassment, conflicts)
- ⦿ Improper work organisation (e.g. non-adequate ergonomics, unnecessary movements, loads)

HAZARD SOURCES (3)

Due to human actions (e.g. out of ignorance, negligence, mistake, omission)

VULNERABLE GROUPS

- Young
- Aged
- New-recruiters
- Pregnant
- Persons with health problems

RISK ASSESSMENT

Risk = Likelihood of occurrence X Severity of the harm

LIKELIHOOD

0= zero probability

1= very unlikely event

2= can happen in emergency situations

3= can happen in normal circumstances

4= frequent exposure

5= permanent exposure

SEVERITY

0= no effect

1= insignificant effect (e.g. small nuisance)

2= may lead, when unprotected, to small injuries, which require treatment

3= may lead, when unprotected, to injuries with temporary incapacity

4= may lead, when unprotected, to irreversible damage of health or permanent injury

5= may cause death, when unprotected

MEASURES

- Risk elimination
- Risk isolation
- Removal of the worker away from the risk
- Use of collective preventive measures
- Use of personal protective measures
- Safety signs
- Workers' information and training

REVIEW AND REVISION

- When there are changes in materials, equipment or working methods
- When there are new regulations, standards or technical evolution
- When risks remain and there is need to improve measures

INTERNATIONAL DATASHEETS ON OCCUPATIONS BY ILO (1)

A typical Datasheet comprises four pages:

1. Information on most relevant hazards related to the occupation
2. A more detailed and systematised presentation of different hazards with indicators for preventive
3. Suggestions for preventive measures for selected hazards
4. Specialized information for occupational safety and health professionals, including a brief job description, a list of tasks, notes and references.

INTERNATIONAL DATASHEETS ON OCCUPATIONS BY ILO (2)

Available currently for 71 occupations:

- 14 medical/paramedical
- 22 industry
- 13 construction
- 8 transport
- 4 agriculture
- 8 other

SAFEGUIDE (OBES)

www.obes.gr/safeguide/gr/safeguideguidegr.htm

www.obes.gr/safeguide/uk/safeguideguideuk.htm