

TEST

##D2##

1. Name main occupational risk factors and describe them briefly.

Main occupational risk factors:

Chemical – dangerous chemical materials and preparations..

Biological – substances of biological origin, micro-organisms, cultures of cells, human endoparasites

Physical – noise, vibration, electromagnetic field, hot, cold environment, illumination.

Ergonomic – physical work load, work strain, adjustment of workplace to potential of the employee

Mechanical – factors due to which an employee may have an injury: work tools and their moving parts, lifting equipment, lifted load, transportation means, falling items, explosion and/or fire, unstable state of work equipment etc.

Psychosocial – factors which may cause mental stress to the employee

2. What is the purpose of occupational risk assessment?

The purpose of risk assessment – to define the probability of trauma or health damage of the employee and (or) hazardous work environment factor or impact of these factors, to estimate how workplace, work tools, work conditions conform to the requirements for employees safety and health established in legislative acts on employees' safety and health and to foresee preventive measures in order to protect employees from risk or reduce the risk as much as possible.

3. What are the two main elements of occupational risk? Give examples.

The main elements of occupational risk are:

- Harm that can be caused the analysed hazard
- Probability of occurrence of such harm (frequency and duration of impact, probability of occurrence of dangerous event, possibility to avoid harm or limit it)