

BASIC CONCEPTS
in
OCCUPATIONAL
HEALTH & SAFETY
(OHS)



At the end of this lesson you are going to learn;

What does OHS mean?

Conduct and acting risk management concept in your lifes

Where does the world go about OHS?

What are the safety-quality – environment management systems?

How do we applicate these systems to our work- life

What does «**OHS SYSTEM**» do in workplaces?



At the end of this lesson you are going to learn;

What kind of **risk factors** at your surroundings – workplace chemical, biologic, ergonomic, physical, fire, explosion, radioactivity etc.. And how to prevent them

What does «**accident and occupational diseases**» and how to prevent them

What does «**positive safety culture**» mean?

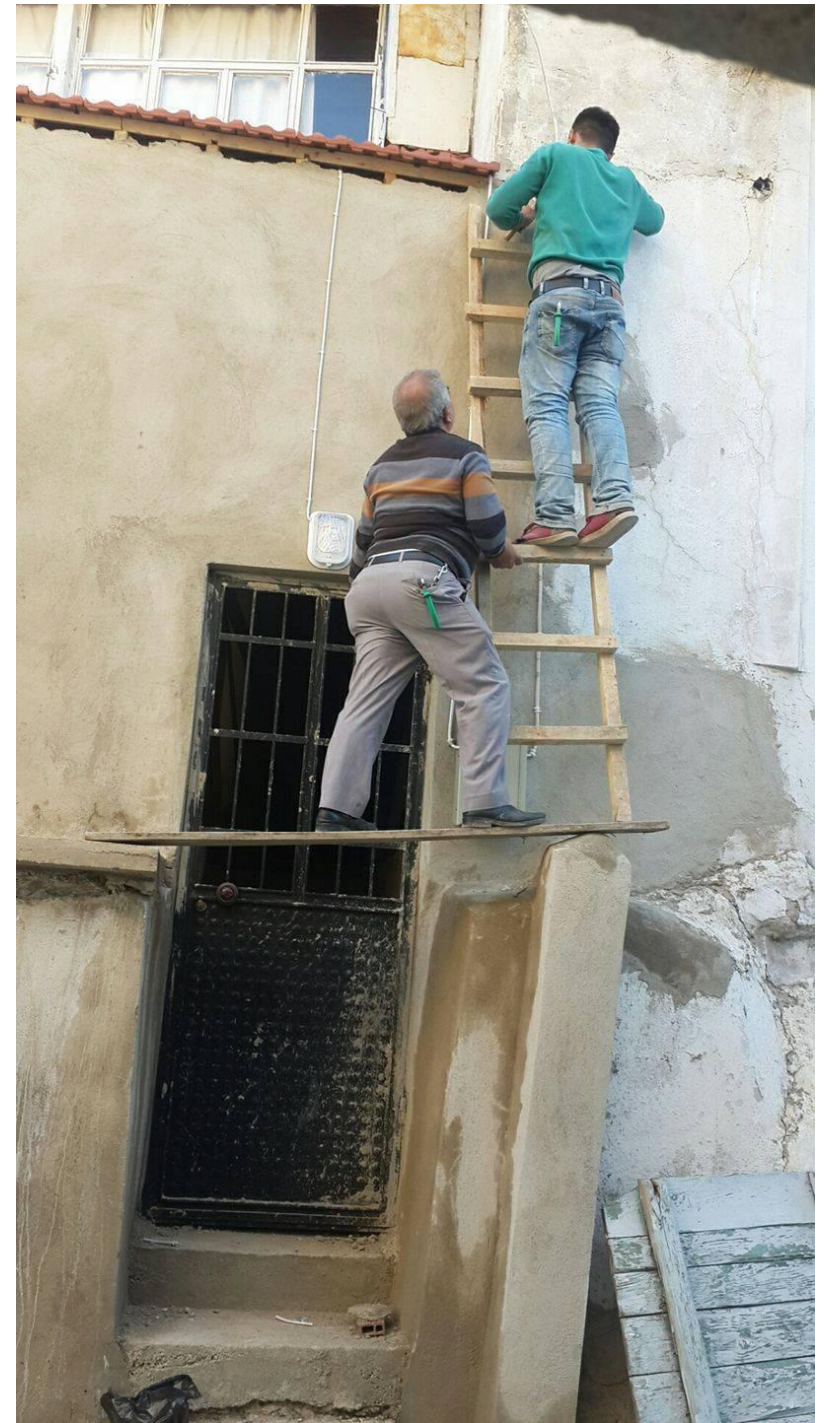
The OHS Law No 6331







**Umarım merdiven
kaymamıştır..**







OCCUPATIONAL HEALTH AND SAFETY has become necessary due to these examples.

Aim of Health and Safety



- * To preserve workers
- * To keep production safety (To prevent loss of workday)
- * To make a safe company

Because of lacking of H&S;

--Humans (physically and psicologically)..

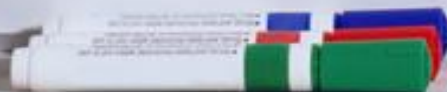
--Environment..

--Production.. And

--Economy

will get harm.

DEFINITIONS



«Health and safety» definition

A multidisciplinary field concerned with the creation, design, implementation, communication and regulation of structures, systems, law, policy, procedures, processes and regulations that govern the health, safety and welfare of people.

«Health and safety» affects all people in every country and is concerned with the health, safety and welfare of every person. e.g. education, employment.

Briefly; **Systemic** and **scientific** efforts in order to get rid of hazardous conditions in workplaces during work.



ILO and WHO definition of Occupational Health

Since 1950, the **International Labour Organization (ILO)** and the **World Health Organization (WHO)** have shared a common definition of **Occupational Health**.

Firstly, according to this definition, Occupational health should aim at:

the promotion and maintenance of the highest degree of **physical, mental and social well-being of workers in all occupations;**



the protection of workers from risks in their workplaces;

and, to summarize, the adaptation of work to man and adaptation of each man to his job".

Basic Concepts & Definitions

Health:

- The World Health Organization (WHO) defined health as '*a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity.*



WHO'ya göre sađlık:

sadece hastalık ve sakatlık

durumu deđil, Ruhun + bedenun

+ sosyal ađıdan iyi olma

durumudur!!

Basic Concepts & Definitions



Occupational Health & Safety:

- Occupational Health and Safety is an area concerned with protecting safety, health and welfare of the people engaged in the work or environment.



What is the relationship between H&S and Science

Health & Safe is mutidiscipliner science consisting of;

Engineering

Medicine

Economy

Law

Sociology

Phyiscology

Ergonomy

Basic Concepts & Definitions

Occupational Health & Safety:

Occupational health and safety is concerned with many types of *workplace hazards*, such as:



- Chemical hazards
- Physical hazards
- Biological hazards
- Psychosocial hazards
- Ergonomic hazards

• So;





«Occupational Health and Safe» is the whole of the work done to protect and improve the physical and mental health of the employee.



These studies are; systematic and scientific studies that are carried out in order to protect themselves from conditions that may harm health at workplaces.

Health and Safety Responsibilities and its cost

Employees should be the priority of the organization to ensure health and safety precautions are taken in the workplace.

It is also legally obligatory to ensure that employees are aware of all safety precautions.

If the workplace is not capable of making its employees healthy and safe the company will have very costly problems.

The other cost that this company will undertake is loss of skilled workers, decrease in productivity, loss of business reputation.

To reduce these additional costs, each company must have occupational health and safety system.

SAFETY IS EVERYONE'S RESPONSIBILITY



Instead of Saying «be careful» only,
try to establish a “**system**”
which does not allow accidents.



System approach; Do not leave human's care; make workplace safe!

- For example;
- You know mosquitos. The best way to get rid of them is to drain swamp.
- By killing one by **one you can not manage**.
- Like this; you must prepare a workplace which does not cause any harm:
- No fire -no electricity shortcut-no slip, no poisonous gas etc...
- If your workplace is full of these kind of hazards WAIT FOR an ACCIDENT.....
- Why?
- Because human being has got some characteristic failures such as forgetting, unconsciousness, stubbornness, thoughtfulness, working high speed etc.



An accident is unavoidable



- For example; in a workplace if 1 in every 300 people slips and falls down because of a banana peel on the road.

- Should we blame the person who slipped ?



- or

- Should we blame the person who throwed that peel there?



- Or prevent people from throwing peel on road?



Occupational Health & Safety

System approach

- We gave an example about mosquitos.
- We have said that The best way to get rid of them is to drain swamp.
- By killing one by **one you can not manage**.
- Just like draining swamp, if you establish a system which leads safety, it is more effective.