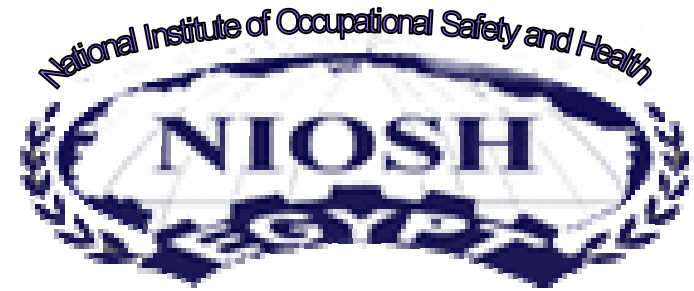


National Institute of Occupational Safety and Health

Miss Heba Mohamed Mohamed

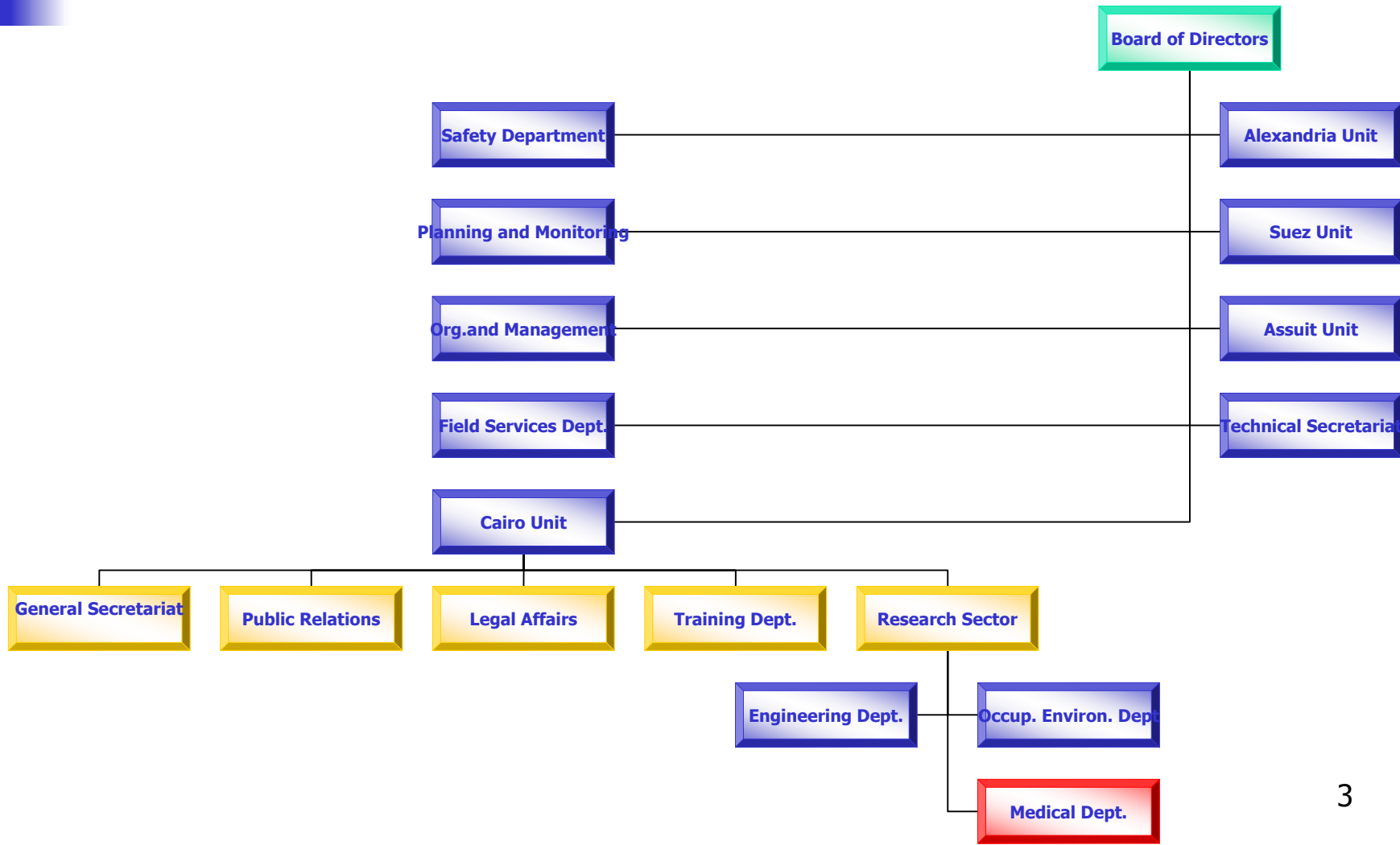
- ✚ CIS Representative for NIOSH Egypt
- ✚ Chemist –National Institute of Occupational Safety and Health
- ✚ Web Developer



About NIOSH

NIOSH was established by presidential decree Number (932) in 1969 entitle the National Institute for industrial safety Studies. NIOSH was reorganized by presidential decree Number (333) in 2003. And published in the formal news on 25/12/2003 to rename it The National Institute of occupational safety and health as a general governmental body follows the Minister of Manpower and Emigration Ministry. The main branch is in Cairo and it has three other units in Alexandria, Assuit and Suez. Since establishment the institute has been carried out a wide range of activities in the field of occupational safety and health to protect human and industrial installations by providing a safe working environment that was crucial for realizing sustainable and comprehensive development.

Organization Chart of NIOSH Egypt





Main activities

- Scientific and applied research on the problems of occupational Safety and health and causes of accidents in the workplace proposals are initiated by disseminating them to concerned governorates.
- Technical advice and services are offered according to requests from different establishments in the public and private sectors. This is undertaken by measurements, medical examinations and Engineering designs required to overcome environmental problems from production process that could lead to occupational diseases.
- Training courses are given to personnel working in the occupational Safety and health field according to an annual training plan Implemented in the premises of the institute or its branches.



Research Sector

The research sector consists of three general departments:

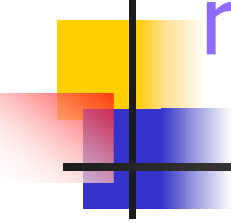
- General departments for environmental research.
- General department for Medical Researches.
- General department for engineering researches.



General Dept. for environmental research

- This department concerned with achieving environmental measures for working environmental hazards through numbers of laboratories by using modern measuring instruments. These laboratories are sustainable being developed . They are as following:
 1. A special laboratory for measuring physical hazards such as (Noise , Heat stress , illumination , Density of magnetic field , Radiation ability of Ultra violet rays , Infra Red Rays and Mechanic Vibratory).
 2. A laboratory for measuring and analyzing different types of dust concentration and specify the content of free silica in different materials.
 3. A laboratory for measuring heavy metals smoke, vapors and dust by using atomic absorption.
 4. A laboratory for measuring organic and inorganic gases and vapors concentration whether in seclusion or mixture by using chromatograph and other transmitting instruments. Industrial waste water, sewage and water analysis is another new activity which is being added.

General department for engineering researches

- 
- Proposing the appropriate technical solutions to be taken for the prevention of environmental work hazards. Through carrying out engineering designs to reduce the rate of air pollution exposure and physical hazards to get to the maximum safe levels, putting the specifications of personal protective equipment. In addition to numbers of workshops for manufacturing and maintaining the laboratories' needs in the institute. There is also a mobile searching units provided with rays instrument and analysis laboratory. This unit can move to faraway places such as mines and quarries to carry out researches. A group of training specialists who gained there experience in this field through years , foreign experts from ILO , Scholarships and training courses granted from foreign countries like (Japan , Korea , Sweden , England , France , Denmark ...) this is carried out via The International Relations Department.

General department for Medical Researches.



This department includes number of laboratories and units that are equipped with modern equipments used to know the effects of occupational hazards on human's health .

- **These objectives are achieved through these units :**

1. **Clinical department which is composed of :**

- a) **Occupational medicine section.**

- b) **Work physiology section.**

- c) **Radiological section.**

1. **Laboratory department which is composed of :**

- a) **Clinical pathology laboratory.**

- b) **Toxicological laboratory.**



The General Training Department

- Training is another fundamental pillar in the institute's activities. For it contributes in raising preventive awareness, upgrading sound performance methods and curbs hazards and accidents for all workers in establishments in Egypt. This is carried out by means of training programs held by the Institute on Occupational Safety and Health. Moreover the Institute organizes specific training for diverse industrial establishments as well as special training programs for doctors, engineers and chemists through the following training programs:

1-High management programs:

- Occupational safety and health.
- Fire prevention programs.

2-Middle management programs:

- Occupational safety and health.
- Fire prevention programs.

3-Members of occupational safety and health committee programs in establishment.

- Basic program of occupational safety and health.
- Advanced program of occupational safety and health.

4-Safety body in establishment (technician – specialist):

- Basic program of occupational safety and health.
- Advanced program of occupational safety and health.

5-Fire prevention programs for safety officers and firemen in establishment.

- Awareness programs of occupational safety and health "all levels".



Field Services Department

Field services constituted of the pillars of institute's activities are considered a focal point of contact between the institutes, economic establishment. The institute in this respect receives incoming requests from different establishments according to the field services department regulations issued by ministerial decree number 3 of 1995 that organizes the performance of these services in giving technical advice on how to overcome occupational diseases and accidents in the work place. Parties requiring this service present a request to the services department which examines the request and submits report on whether they will or will not accept the task. If the department accepts the task it requests the settlement of an evaluation fee from the party. Then, researches from the research sector under take a field survey where there task is required and inform the establishment of the costs of this operation, which should be paid in advance. Then, researches measure the environment, carry out medical examination and engineering designs and prepare a report with the results which is approved by the chief of research sector and director of the institute and presented to the party that requested this service.



Library

The library contains the latest international and local publications in studies and researches on occupational safety and health as well as researches published by international organization in microfiche cards and CD-ROM in order to provide scientific knowledge promptly to trainees and researchers in this filed.

■ The following are now available in the library:

1. Foreign books (1408).
2. Foreign periodical (3799).
3. Arabic books (425).
4. Arabic periodical (900).
5. Microfiche cards (62514).
6. CD-ROM ILO researches (6).