

Center Name : Tunisian Occupational Safety and Health Institute (TOSHI)

- The TOSHI is a state establishment of administrative nature falling under the Ministry of Social Affairs and Solidarity.
- It was set up by Law No. 90-77 of 7 August 1990. Its task is to undertake any kind of action to promote occupational health and safety.
- It essentially acts at the level of the enterprise as a body for advising and training.

Center Name : Tunisian Occupational Safety and Health Institute (TOSHI)

- It is a **National CIS-BIT Center for Tunisia** and a **W.H.O. Collaborating Center**.
- It possesses a rich and varied documentation center. It collects, drafts and circulates any documentation involving industrial hygiene, health, safety and working conditions.
- TOSHI produces a specialist review, **SST**, pamphlets, leaflets and posters and does bibliographical research on request.
- An **industrial toxicology and biology laboratory** that can satisfy any request.

Training of occupational health and safety experts

Title of task : Fulfillment of an initiation training course on Occupational Safety Health (OHS)

- **Keywords:** Initiation to OSH, organization of the prevention in Tunisia, usual risks, communication, first aid.
- **Purpose of project :** To supply participants with a basic training on OSH.

Training of occupational health and safety experts

Title of task : Fulfillment of an initiation training course on Occupational Safety Health (OHS)

- **Abstract** : The initiation training course consists on 6 -one-day training- sessions (5h per day) including the following themes :
 - Organization of the occupational risks prevention in Tunisia
 - General risks in workplaces : physical environment
 - General risks in workplaces : chemical environment,
 - General risks in workplaces : accident risks
 - Communication in OSH
 - Elementary first aid in occupational environment

Training of occupational health and safety experts

Title of task : Fulfillment of an initiation training course on Occupational Safety Health (OSH)

- **Target group :**
Safety responsible recently appointed at the enterprises , teachers of professional training centers, occupational nurses.

- **Progress :**
Accomplished on 2000, 2001, 2002, Planned on the current year
Will be planned on 2004, 2005 and so on.

- **Products :**
The average of 15 trainees each year.

Training of occupational health and safety experts

Title of task : Fulfillment of an advanced training course on Occupational Safety and Health (OHS)

- **Keywords:** Advanced training course on Occupational Safety and Health, a priori analysis, ergonomic approach, management system.
- **Purpose of project :** To develop safety responsible competencies in the analysis of occupational risks with appropriate methods and the management of the enterprises risks with a rational approach.

Training of occupational health and safety experts

Title of task : Fulfillment of an advanced training course on Occupational Safety and Health (OSH)

- **Abstract :**
advanced training course on Occupational Safety and Health consists on 5 - two-days training-sessions (10h per session) including the following themes :
- Communication techniques in OSH.
- A priori risk analysis
- Ergonomic approach
- technical and legislative Control installation
- Safety Management System (SMS) and practical projects.

Training of occupational health and safety experts

Title of task : Fulfillment of an advanced training course on Occupational Safety and Health (OSH)

- **Target group :**
Engineers and Safety technicians working into enterprises, national structures and occupational health associations.

- **Progress :**
Accomplished on 2000, 2001, 2002, Planned on the current year
Will be planned on 2004, 2005 and so on.

- **Products :**
The average of 20 trainees each year.

Dissemination of information

Title of task : Production of a quarterly review
on OSH

● **Name :** SST

● **Person responsible :**

Director of publication : Dr. Mohamed
Ben Laïba

Editor in chief : Mme Medina Naouar

● **Keywords:** Safety , Health , work , file,
study

Dissemination of information

Title of task : Production of a quarterly review on OSH

- **Purpose of project :** To provide to all OSH professionals a space of exchange and communication, and a continuous training on the management of the occupational risks given with a written text.
- **Abstract. :** scientific Review with general information , focussed on health and technical topics, and open to all partners involved in promoting OSH.

Dissemination of information

Title of task : Production of a quarterly review on OSH

- **Target group :** OSH Professionals : occupational physicians, engineers and safety technicians, occupational nurses, controllers of workplaces...
- **Progress :** Produced since 1996
- **Products :** 24 issues.

Tunisian Occupational Safety and Health Institute (TOSHI)

Searches

- **Use of solvents in Tunisia**
- **Evaluation of the use of the pesticides :
Management and effects on health**

Use of solvents in Tunisia

This research aims at:

- Making a diagnosis of the present state of the conditions for using solvents and suggesting a technical, medical and legal prevention programme.
- This project will also enable the TOSHI's industrial toxicology laboratory to be developed.

Use of solvents in Tunisia

Specific objectives are:

- Inventorying the solvents used in Tunisia (monograph on solvents)
- Assessing the levels at which workers are exposed to solvents
- Estimating the prevalence of haematological and renal neuropsychiatric troubles disorders for workers exposed to solvents.

Duration of the study : 3 years.

Evaluation of the use of the pesticides :

Evaluation of the use of pesticides: Management and effects on health

This research aims at:

- Making a list of pesticides used in Tunisia (to be periodically updated)
- Estimating the prevalence of occupational poisoning by pesticides
- Assessing the level of knowledge and perception of occupational risk among users of pesticides

Evaluation of the use of the pesticides :

Evaluation of the use of pesticides: Management and effects on health

- Identifying training-information needs for everyone involved
- A diagnosis of poisoning through the emergency services
- Suggesting recommendations on medical and technical prevention during any contact with pesticides
- Mastering new techniques of toxicological screening by the laboratory.

Tunisian Occupational Safety and Health Institute (TOSHI)

Studies

- **Study on pollution of the work environment by benzene**
- **Analytical study of fatal industrial accidents recorded since 1995 which are due to electricity and falling accidents from a height.**
- **Study on heat constraint or discomfort in an enterprise in the manufacturing industry**
- **Use of flying scaffolds**

Tunisian Occupational Safety and Health Institute (TOSHI)

Studies

- **Mapping noise in the mechanical construction sector**
- **Respiratory morbidity in poultry farms**
- **Study on occupational deafness in the metallic construction sector in the Sousse region.**
- **Sero-epidemiological study of brucellosis in the agricultural environment**
- **Study on physical constraint for drivers by measuring heart rate**

Tunisian Occupational Safety and Health Institute (TOSHI)

Studies

- **Assessing the risk of silicosis in mines in the north-west**
- **Study on cutaneous risk for hotel employees'**
- **Study on how employers and employees perceive occupational health and safety.**
- **Study on the pollution of the work environment by benzene.**

Tunisian Occupational Safety and Health Institute (TOSHI) **Studies**

- **Study on the pollution of the work environment by benzene**

This study aims at:

Diagnosing the present state of conditions of benzene use

for a sample of the people that are exposed to it, and suggesting a technical, medical and legal prevention programme.

Duration of the study : 2 years.

Tunisian Occupational Safety and Health Institute (TOSHI) **Studies**

- **Analytical study on fatal industrial accidents recorded since 1995 due to electricity and falls from a height**

This study aims at:

Identifying risk factors

Suggesting elements for action at

organisational, technical and regulatory level.

Duration of the study : One year.

Tunisian Occupational Safety and Health Institute (TOSHI)

Studies

- **Study on heat constraint or discomfort in a manufacturing industry enterprise**

This study aims at:

Describing the physical features of the heat environment encountered

Suggesting an approach that reduces the discomfort or constraint.

Duration of the study : One year

Tunisian Occupational Safety and Health Institute (TOSHI) **Studies**

- **Use of flying scaffolds**

This study aims at:

**Identifying weaknesses in the design,
installation and use of scaffolding
used in Tunisia**

**Drafting a guide that flying scaffolding
must respect**

Duration of the study : One year.

Tunisian Occupational Safety and Health Institute (TOSHI) **Studies**

- **Mapping noise in the mechanical construction sector**

This study aims at:

**Clarifying an approach for mapping noise
Presenting a model map.**

Duration of the study : One year.

Tunisian Occupational Safety and Health Institute (TOSHI)

Studies

- **Respiratory morbidity in poultry farms**

This study aims at:

Studying respiratory risk and nuisance
in poultry rearing sheds

Estimating respiratory pathologies for
people rearing poultry

Assessing occupational respiratory
pathologies for people rearing poultry.

Duration of the study : One year.

Tunisian Occupational Safety and Health Institute (TOSHI)

Studies

- **Study on occupational deafness in the metallic construction sector in the Sousse region**

This study aims at:

Making a diagnosis of the state of hearing due to exposure to noise in a metallic construction factory in the Sousse region.

This study will enable us to assess the prevalence of occupational deafness in this enterprise by the Early Warning Indicator (IPA) calculation.

Duration of the study: One year

Tunisian Occupational Safety and Health Institute (TOSHI) **Studies**

- **Sero-epidemiological study on brucellosis in the agricultural environment**

This study aims at:

Carrying out a screening investigation in a part of Tunisia where they specialise in cattle-raising, based on a sero-epidemiological study on workers in contact with stock-rearing animals (cattle and goats)

Duration of the study: One year.



Tunisian Occupational Safety and Health Institute (TOSHI) **Studies**

- **Study on physical constraint for drivers by measuring heart rate**

This study aims at:

Assessing the physical load by the objective measuring of the heart rate on the basis of the results, suggesting solutions and preventive recommendations.

Duration of the study : One year

Tunisian Occupational Safety and Health Institute (TOSHI) **Studies**

- **Assessing the risk of silicosis in mines in the north-west**

This study aims at:

**Estimating the prevalence of pneumoconiosis attacks for exposed workers
Estimating the levels of exposure to the risk of silicosis in the work atmosphere.**

Duration of the study : One year.

Tunisian Occupational Safety and Health Institute (TOSHI) **Studies**

- **Study of the cutaneous risk for hotel employees'**

This study aims at:

**Identifying the various occupational risks to the skin
for workers in the hotel sector**

**Assessing the risks run by various categories of
workers**

**Assessing the individual and collective means of
protection put into effect**

Suggesting solutions to protect against this risk.

Duration of the study : One year.

Tunisian Occupational Safety and Health Institute (TOSHI) **Studies**

- **Study on how employers and employees perceive occupational health and safety**

This study aims at:

Assessing knowledge, attitudes and practices in Occupational Health and Safety for two samples of social partners - the employers and employees.

Duration of the study: One year