



## The ILO Turin Centre's facilities

Located in an attractive park on the banks of the River Po, the Centre's campus provides a congenial environment in which to live and study.

It contains 21 pavilions with fully equipped modern classrooms, conference halls and meeting rooms fitted out for multilingual simultaneous interpretation, a computer laboratory, and a computerized documentation centre linked to various data banks.

The campus has 287 study/bedrooms, all with private bathrooms, telephones and cable television. It also has:

- a reception desk open 24 hours a day;
- a restaurant, a self-service canteen and a coffee lounge, all catering for international dietary needs;

- a bank;
- a travel agency;
- a laundry service;
- a post office;
- an internet point;
- a recreation room;
- facilities for outdoor and indoor sports;
- an infirmary.

Social events are regularly held both on and off campus, so that participants from different cultural backgrounds can make the most of the stimulating international climate.

## For further information, please contact:

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 Social Protection Programme  
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 10127 Turin (Italy)

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# Occupational Safety and Health Management in the construction sector



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## Background

Construction is one of the most dangerous occupations. One in six fatal accidents at work occurs on a construction site. Each year at least 60,000 fatal accidents occur on construction sites around the world. Many more workers suffer and die from occupational diseases arising from past exposure to dangerous substances, such as asbestos. Besides, in some countries, it is estimated that 30 per cent of construction workers suffer from back pains or other musculoskeletal disorders.

Data from a number of industrialized countries show that construction workers are 3-4 times more likely than other workers to die from accidents at work. In the developing world, the risks associated with construction work are much greater: available data would suggest 3 to 6 times greater. Yet the causes of accidents are well known and almost all preventable, and as other business issues, occupational safety and health (OSH) can be managed in the enterprise.

The ILO adopted the Safety and Health in Construction Convention (No. 167) and its associated Recommendation (No. 175) in 1988. As a complement to these standards, the ILO Code of Practice on Safety and Health in Construction was approved in 1992.

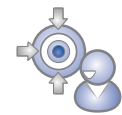
In line with the newest trends in OSH management, based on the Occupational Safety and Health management systems (OSH-MS), the ILO developed the Guidelines on Occupational Health and Safety Management Systems in 2001. They apply to all economic sectors, are particularly useful in the construction industry as they highlight issues relating to subcontracting.

The International Training Centre of the ILO, Turin, in collaboration with SafeWork (the global initiative from the Social Protection Sector of the ILO to promote Occupational Safety and Health) will organize a two-week course in Turin on the principles and guidelines of OSH management in the enterprises of the construction sector, with the general purpose of exposing participants to the ILO international experience as well as other international best practices.

## Participants' profile

The course aims at trainers and advisers in OSH belonging to government, employers' and workers'

organizations involved in the promotion of OSH within enterprises of the construction sector. The programme may also be of interest to other people from professional or industrial bodies, training institutions involved in OSH issues and, above all, managers, supervisors and technical staff in charge of OSH within enterprises of the construction sector.



## Objectives

This course provides participants with concepts, methodologies and techniques and develops the skills to advice and carry out the OSH management in enterprises of the construction sector. Upon completion of this course, participants will be able to:

- Explain the principles and guidelines for the OSH management in an enterprise.
- Describe the ILO principles and guidelines regarding the OSH management in the construction enterprises.
- Explain the key points to prepare, implement, monitor and audit an occupational safety and health plan.
- Identify and analyse the main occupational safety and health hazards and risks in the construction sector as well as propose control measures.
- Analyze the OSH Management System in a construction enterprise in order to propose measures for its improvement.
- Transfer knowledge on OSH management in a construction enterprise.



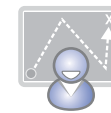
## Contents

The course will present and analyze principles and best practices of the International Labour Organization as well as other authoritative guidance documents on OSH management in the construction sector from other organizations.

- OSH general provisions and principles.
- The construction sector and OSH.
- The ILO and the construction sector.
- Resources and OSH costs.
- General duties of employers, workers, professionals, clients, etc.
- Policies, goals and objectives.
- Organization and planning: Safety and Health plan.

- Specific hazard, risks and control measures.
  - Scaffolding, ladders and lifting appliances.
  - Machinery and tools.
  - Transport and material handling.
  - Work at heights and underground and demolitions works.
  - Structural frames.
  - Prefabricated and temporary structures.
  - Fire and explosions.
  - Emergency planning and prevention.
  - Health hazards, first aids and welfare facilities.
- OSH performance monitoring and auditing.
- Construction management systems and OSH. The ILO guidelines on OSH-MS.
- Integration of OSH management into the enterprise.
- Procurement and OSH clauses in contracts.
- Bid assessment of contractors and subcontractors on OSH.
- OSH in small construction sites.

The programme will also include a study visit in a selected construction site.



## Methodological approach

The training methodology will use active methods for learning, making use of the knowledge and the experience of participants that will also facilitate their own total integration and participation in the course activities. Therefore, a fluent dialogue and discussion will take place during the classes in order to enable both a better comprehension of the various topics as well as a larger concentration towards the topics of the participants' interests.

Participants will also be presented with pertinent documentation as a follow-up to the presentations in order to expand the knowledge about the specified topics. The teaching team will be selected according to its professional experience and knowledge on the subjects.

A continuous monitoring and evaluation of the activity (and, consecutively, to carry out the necessary modifications) will take place during the activity. A formal evaluation will take place at the end of first week in order to comprehend the participants' opinions about the development of the programme and thus take the necessary corrective measures.

## Participation cost and applications

The cost of participation, **excluding** international air travel, is EURO 3,250 (course fees EURO 1,570 and participant subsistence EURO 1,680) payable in advance by the participant or his/her sponsoring organization. This covers:

- tuition fees
- the use of training facilities and support services
- training materials and books
- accommodation and full board at the Centre's campus
- a standard daily allowance for incidental expenses
- routine medical care and insurance

Application form to participate in the workshop should be addressed to:

Social Protection Programme  
International Training Centre of the ILO  
Viale Maestri del Lavoro, 10  
10127 Turin, Italy  
Fax +39 011 6936548  
e-mail: socpro@itcilo.org

**no later than 13 August 2010.** The application form filled should be accompanied by a nomination letter from the sponsoring institution indicating how the participant will be financed.

As an organization dedicated to fundamental human rights and social justice, the ILO is taking a leading role in international efforts to promote and realize gender equality. In line with this ILO focus, women candidates are especially welcome..