



OCCUPATIONAL SAFETY AND HEALTH

# WORKSHOP ON ILO INTERNATIONAL CLASSIFICATION OF RADIOGRAPHS OF PNEUMOCONIOSES

24 – 28 NOVEMBER 2022  
TURIN, ITALY

*Information Note*

## INTRODUCTION

The prevention of occupational respiratory diseases has a high priority in the ILO. Despite all international and national efforts to prevent them, they continue to be the leading occupational illnesses in many countries that may amount to as many as 30% of all registered work-related diseases. Pneumoconiosis cause significant numbers of cases of disabilities and premature deaths because they are highly disabling and incurable. They also represent a huge burden on national economies and compensation systems in terms of sickness, absenteeism, lost working days, disabilities, compensatory payments and loss of qualified labour.

The ILO International Classification of Radiographs of Pneumoconiosis provides a means for describing and recording systematically the radiographic abnormalities in the chest provoked by the inhalation of dusts. The purpose of the ILO Classification is to describe and codify radiographic abnormalities of the pneumoconiosis in a simple, systematic, and reproducible manner.

The ILO Classification of Radiographs of Pneumoconiosis is an important international standard which is widely used around the world in early detection of pneumoconiosis, medical screening and health surveillance of workers exposed to noxious dusts, as well as epidemiological evaluations. The use of the Classification is mandatory in many countries. Use of the ILO Classification may lead to better international comparability of data concerning the pneumoconiosis. Some countries have established legal requirements for use of the ILO Classification in the assessment of compensation claims, although the Classification was not originally designed for this purpose.

This Workshop will offer you an excellent opportunity to upgrade your knowledge in prevention of occupational respiratory diseases and improve your skills in using the ILO Classification with high competency. You will have an opportunity of testing your skills through individual readings of subject films from the ILO training materials. To evaluate the results of your readings, the ILO experts will review the classification of these subject films together with you.

## PARTICIPANTS' PROFILE

Radiologists; occupational physicians in public organizations and private enterprises involved in screening and surveillance; researchers and university professors of medical radiology.

## LANGUAGE

English

## OBJECTIVES

The objective of this workshop is to strengthen the capacity of perform the early detection, evaluation, medical screening and health surveillance of pneumoconiosis among workers exposed to noxious dusts. Upon completion of this course, participants will be able to:

- Describe the main occupational respiratory diseases related with the inhalation of dust.
- Use the ILO Classification of Radiographs of Pneumoconiosis for diagnostic purposes.
- Apply the ILO Classification in health surveillance and medical screening of workers exposed to mineral dusts.
- Transfer knowledge on how to use the ILO Classification of Radiographs of Pneumoconiosis.

## CONTENTS

- Overview of pneumoconiosis, silicosis and asbestosis
- Uncommon pneumoconiosis lung diseases
- Introduction of the ILO Classification of Radiographs of Pneumoconiosis
- Reading sheet and symbols recoding in the ILO Classification
- Standard films reading of the ILO Classification
- Standards of Quality for Radiology in Pneumoconiosis
- Criteria for practical diagnosis of silicosis, asbestosis and coal workers' pneumoconiosis (CWP)
- Use of the ILO digital images (ILO 2011-D) and Guidelines
- X-ray Reading
  - General
  - Small-rounded opacities
  - Small-irregular opacities
  - Large opacities
  - Pleural abnormalities
  - Classification system review
- Application of the ILO Classification in health surveillance and medical screening of workers exposed to mineral dusts
- Evaluation of Pneumoconiosis by high-resolution computed tomography (HRCT)
- Challenges on the Occupational Respiratory Diseases (ORD) in the countries of participants
- Study visit.

## METHODOLOGICAL APPROACH

The methodology will be centred on the participants and the learning process, with the support of facilitators. The training methodology will use active methods for learning, making use of the knowledge and the experience of participants, promoting a permanent communication among participants through group work and discussions that will facilitate their own total integration and participation in the course activities.

Participants will also be presented with pertinent documentation as a follow-up to the presentations in order to expand the knowledge about the topics. In concrete, the ILO International Classification of Radiographs of Pneumoconioses includes a set of standard x-rays consisting of 22 radiographs available in both film and digital forms, and the Guidelines for the use.

A permanent monitoring of the learning process will be conducted throughout the training by the course co-ordinator. At the end of the course, an individual end-of-course evaluation questionnaire will be used to allow participants to express their views about the training experience.

## PARTICIPATION COSTS AND APPLICATIONS

The cost of participation, excluding international air travel, is **to be determined**, payable in advance by the participant or his or 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; and emergency medical care and insurance.

Applications to participate in the course should be done online on the following webpage: <https://oarf2.itcilo.org/STF/A9014706/en> no later than **7 October 2022**.

The filled-in application form should be accompanied by a signed written communication of commitment from the sponsoring institution indicating how the participant will be financed. After the deadline for applications, the course and the selected candidates will be confirmed and the instructions for logistics, travel, visas as well as for the advanced payment, will be provided.

# CAMPUS LIFE

## A THRIVING UNITED NATIONS CAMPUS AND COMMUNITY OF PROFESSIONAL PEOPLE FROM AROUND THE WORLD

- **Three organizations** from the United Nations system on campus
- **More than 300 training courses** and activities in a stimulating international environment
- **Thousands of participants** from all over the world

## ENVIRONMENT AND SURROUNDINGS

### Grab a campus bicycle and explore the Turin Centre.

Located in a leafy park on the banks of the Po River, it's a great place for study and collaboration. Experience innovative learning and training methods in modern classrooms equipped with simultaneous translation services.

## HOUSING, DINING, AND MORE

Comprising more than 280 private dormitories, the **Turin Campus provides a broad range of services for course participants and partners** including a free-flow restaurant, bank, travel agency, laundromat, post office, gym, medical services and a reception desk open 24/7.

## COMMUNITY ENGAGEMENT AND DIVERSITY

**Participants can enjoy social events organized by the Turin Centre** as well as by their course facilitators.

Whether on or off campus, people from different cultural backgrounds have the opportunity to listen to live music together, cook and share traditional foods, or team up to play games and network.

## WITHDRAWAL, CANCELLATION POLICY, AND REFUNDS FOR OPEN COURSES

If an enrolled participant wishes or must withdraw from a course, they may choose to apply to a different course or be substituted by another candidate. The participant must notify the Centre, in writing, of their decision at least 14 days prior to the start date of the course. Cancellation of participation in regular courses will result in the following penalties:

- 14 days or more prior to the start date of the course: No penalty, 100% refund of amount paid less applicable bank charges
- 8 to 13 days prior to the start date of the course: Penalty of 50% of course price, refund of residual amount paid (if any) less applicable bank charges
- 7 days or less prior to the start date of the course: Penalty of 100% of course price.

# INFO

## FOR FURTHER INFORMATION PLEASE CONTACT

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