

ELECTRIC RISK

As the State-Regions Agreement of the 7th of July 2016 states, updates valid for all safety subjects can be delivered through e-learning courses and modules.

Training Objectives: Providing all course participants with a basic knowledge of the main risks involved in the use of electrical installations and systems.

Attendance Certificates: Each participant, after attending the entire course and passing the final tests, will receive a certificate that is valid throughout the entire national territory, pursuant to the State-Regions Agreement of the 21st of December 2011. Certificate and training record will be available for download, after the successful completion of the course, directly on the platform.

Course duration *: 2 hours

* Course duration means the audio duration of the entire course. Modalities of access and devices used may technically lead to an increase in the course duration.

Course availability time: The time period available to complete the training depends on the type of course. The actual due date/days available can always be found on the platform.

Expected update: The minimum duration of the update training modules depends on the type of subjects that need to be trained (Annex II State-Regions Agreement of the 7th of July 2016).

Course programme:

INTRODUCTION

Introduction

THE EFFECTS OF ELECTRIC CURRENT ON

Electrical sector - regulations

THE HUMAN BODY

Atmospheric electricity and lightning

Effects of electric current

Assistance to people struck by electricity

Danger of electric current

PROTECTION AGAINST DIRECT CONTACTS

Direct and indirect contacts

Fire of electrical origin

Protection against direct and indirect contacts

PROTECTION AGAINST INDIRECT CONTACTS

Active protection

Passive protection

Rules of behaviour

LEGISLATION IN THE ELECTRICAL SECTOR

Electric risk – general aspects

Installations, systems and machinery

Checks on electrical installations and systems

Assessment and prevention of electric risk

Basic safety principles for electric installations

Electric work

Prevention and protection principles

Competence Profiles for Teaching and Technical Management:

Course Director/Scientific Coordinator: Rocco Vitale and Francesco Naviglio

Mentor/Content Tutor: Chiara Ballarini

Process Tutor: Roberta Cirelli

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CODE	REVISION	DATE	PAGE
	05	04/03/2024	1/3

Platform developer and designer: Simone Vannucci

Lecturers/ Teachers, meeting the requirements of the I.D. of the 6th of March 2013, who have contributed to the production of the texts: Alessio Celeste

Technical Sheet:

- LOM realised in accordance with the SCORM 1.2 international standard.
- LMS Management System.
- Technical Requirements

Application: Registration of the user on the platform.

Skills and Admission Qualifications: the possibility of using the e-learning method requires being familiar with the use of the device chosen to take the course, and a good knowledge of the language used.

Communication and Interaction: direct contact with tutoring and support using the following e-mail addresses tutor@aifos.it - assistenza@aifos.it.

Activity Tracking Method: SCORM 1.2 guarantees the tracking of user activity throughout the system. The tracing of platform data, user accesses and certificates is maintained by AiFOS, in compliance with the law.

The platform is equipped with the LMS management system, which is designed to monitor and certify:

- The progress and completion of each user's learning activities
- The tracking of the activity carried out while connected to the system (overall duration and duration of each Learning Object)
- The format and the completion of learning assessments.

Learning Assessment Procedures: taking **intermediate tests** that are useful for self-learning and a **final test** aimed at consolidating the acquired knowledge. Each final test is composed of 10 multiple-choice questions (with only one correct answer). The test is considered successfully completed if at least 70 per cent of the questions are answered correctly.

AiFOS - NATIONAL TRAINING ORGANISATION: AiFOS, a national trade association that is a member of Sistema Impresa, operating throughout the national territory, an *ope legis* subject (Art. 32, par. 4 of Legislative Decree no. 81 of the 9th of April 2008 and State-Regions Agreement of the 7th of July 2016) for the realisation and implementation of training courses and for the issuing of the relevant certificates. AiFOS as the course provider, upon request of the competent supervising bodies, is committed to making the course access credentials available.