Module
Review and Placement of Anchor Points according to EN 795 standard

(7 h)

Objective: The training module **Review and placement of anchor points (EN 795),** has been designed to train qualified people in the choice, placement and proper review of the different anchor points used in vertical work and progression. This training is designed in accordance with the EN 795 standard.

Directed to: People, designated by the organization and/or the employer, responsible for carrying out the choice, placement and review of the appropriate anchor points for their environment. It is therefore a suitable course for the company's OSH managers; people responsible for work teams at heights and who use PPE against falls from height; and especially to the people in the organization who will be in charge of reviewing and maintaining these types of equipment.

Theoretical contents

1. Review of basic OSH concepts.
2. Specific regulations: EN795:2012 – CEN/TS16415 – EN959:2021 - EN365:2005.
3. Basic physics concepts:
   3.1 Basic concepts: Mass and Weight.
   3.2 Force.
   3.3 Load.
   3.4 Effort.
4. Anchor Devices:
   4.1 EN795:2012 Type A – CEN/TS16415 - Manufacturers and models.
   4.2 EN959:2021 - Manufacturers and models.
   4.3 EN795:2012 Type B - Manufacturers and models.
   4.4 Temporary anchors: Slings – Triangulation.
5. Basic geology: natural supports: rocks, terrains...
   5.1 Artificial supports: concrete, metal, masonry, other materials.
   5.2 Drilling machines: electric drills, batteries, gasoline, air pistols, tools and accessories.
   5.3 Drilling systems: drills, trepans, dry and wet crowns.
   5.4 Types of metals and steels: composition, characteristics and uses.
   5.5 Fixing systems: mechanical and chemical.
   5.6 How an anchor works.
   5.7 Study of regulations, test trials, certification, manufacturers, etc.
   5.8 Steps to follow for the correct installation of an Anchor Point.
   5.9 Documentation to be issued: Installation Certificate.

Practical contents

1. Drilling: Choice of suitable machine and drills
2. Drilling techniques in rock and concrete: Correct use of machinery
   2.1 Installation of Mechanical and Chemical Fixing Systems
   2.2 Verification of Fixing Systems with tester
   2.3 Installation of Anchor Devices in the installed Fixing Systems
   2.4 Labeling and Certificate

Technical level and participant's experience

In order to attend this training, it is highly recommended that the participant has:
1. Knowledge about how to identify the work equipment used in the placement of Anchor Points.
2. Practical experience in the use of these PPE for work at heights.

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Duration: 7 hours
Schedule: 2 sessions from 8:00 to 15:00 hours
Certificate Validity: 3 years (renewable before the expiration date by attending the updating module)
Program: Sections 1 to 5 (theory) and 1-2 (practice)
Maximum students: 8 persons per edition

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