

TRAINING

Machinery Safety for Machinery Users



Description and purpose

The course aims to teach participants about the following machine safety need-related aspects:

- Know the scope and responsibilities of both the manufacturer and the end user with respect to current machinery safety legislation.

Intended for:

Users who handle the reception and acceptance of machinery.

- The course is suitable for technical personnel, project managers, safety personnel, etc., with responsibilities in the process of taking delivery of a machine from a manufacturer.

Examples

Some examples of the course contents are shown below:

A slide titled 'EN ISO xyz: 2011' listing various standards and their applications. At the top, logos for CEN, GENELEC, ETSI, ISO, IEC, and ITU are displayed. The slide lists standards such as UNE EN ISO xyz: 2011, UNI EN ISO xyz: 2011, NP EN ISO xyz: 2011, DIN EN ISO xyz: 2011, BS EN ISO xyz: 2011, and SFS EN ISO xyz: 2011. It also includes a table with columns for 'UNE', 'EN', 'ISO', and 'IEC' and their respective descriptions. A section titled '¿Dónde comprar las Normas?' is also present. Logos for AENOR, ISO, and IEC are at the bottom.

Standards and organisations

A slide titled 'ANEXO III, Mercado CE. Ejemplo placa Marcado CE.' showing a template for a CE marking plate. The plate includes the i9s logo, company name 'i9s S.A.', and fields for 'MÁQUINA', 'Nº DE INSTALACIÓN', 'Nº DE SERIE', and 'AÑO DE FABRICACIÓN'. A large CE mark is on the right. Below the plate, 'CARACTERÍSTICAS' are listed: Tamaño: 250x120mm, Material: Placa de Aluminio, Color: Fondo Aluminio, Text: Letras Negras, and Fijación de etiqueta: Usar remaches metálicos o tornillos. The location is specified as 'Lugar visible de un resguardo de la máquina a 2mts del suelo aproximadamente.'.

Example of CE Marking plate design

Contents / agenda

Day 1 (8 H):

- Directives and Royal Decrees.
- Standards.
- Machinery Directive 2006/42/EC.
- Work equipment R.D. 1215/97.
- Safety-related parts of control systems EN 13849 part 1.

Documentation

Each student will receive a paper dossier of the course contents, in A4 colour and in Spanish.
A certificate of attendance will be issued.

Day 2 (8 H):

- EN ISO 13857 Safety of machinery. Safety distances to prevent hazard zones being reached by upper and lower limbs.
- EN ISO 13855, Safety of machinery. Positioning of safeguards with respect to the approach speeds of parts of the human body.
- How to ensure that the manufacturer delivers a machine that conforms to standards?.
- How can I keep the CE marking throughout the useful life of the machine?.

Speakers

The speakers will be engineers specialising in machinery safety from the company i9s, S.A.



i9s, S.A.

Calle Béjar 91, 1º, 1ª.
(08014) | Barcelona | (Spain)

(+34) 93.113.26.05
i9s@i9s.es
www.i9s.es