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Glass technical training



Characteristics of glass packaging : CEMB

Since its appearance 4000 years ago, due to its exceptional protective properties, glass has been used as a packaging material for the most noble products. This training presents the features and the good practices of implementation for such packaging.

The specific training namely “closure of glass packaging BOUV”, can complete this module.

➤ **Purpose of this training**

Acquire the basic knowledge of packaging glass, from the material and its properties, its manufacture, its treatments, its defects until its use on customer filler and packaging lines.

➤ **Relevant staff**

- Glass-making sector: manufacturing staff, quality manager, customer technical assistant, sales department

- User sector: packaging designer, packaging managers, quality, research and development, bottling, packaging, oenologist, cellar manager

➤ **Program** (adapted to the requirements of the trainees)

- Reminder as for the glass material
- Properties of glass (mechanical strength, expansion, weatherability)
- Glass melting
 - Raw material– Recycling
 - Melting
- Manufacturing processes for glass packaging
 - Blow-and-blow
 - Press and blow
 - Role of molds
 - Description of articles
 - Designing articles
- Glass treatments
 - Surface treatments
 - Annealing
- Defects of glass
- Characteristics of glass packaging
- Risks and causes of glass breakage

The training promotes awareness among trainees, whether they are glass-makers, decorators or users aware of the causes of defects and deterioration of packaging and the triggered risks.

➤ **Duration of training**

From 1 to 2 days depending on the desired program

➤ **Place of training**

At your site or at Espacesreunion 43 rue de Dunkerque 75010 Paris (300m Gare du Nord station)

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