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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.

➤ **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 choice (your site or elsewhere)

Information: Richard PASCAL phone +33 6 50 12 32 41 or by e-mail at info@profever.com