



Manufacturing hollow ware : FAVE

This training has the goal to follow the course of the glass, from the gob loading to the entrance of the article in the annealing Lehr. It is different from conventional training in terms of forming techniques that are more focused on the mechanical operation of the machine than on the monitoring of glass in the machine (forming, thermal).

➤ **Purpose of the training**

To study the transformation mechanisms of the shape and the temperature of the glass, from the gob at the exit of the feeder to the finished article at the entrance of the annealing Lehr, in the production of articles through the blow-and-blow and press-and-blow process. This training can be adapted to paste mold press and blown process.

➤ **Relevant staff**

All people involved in the mechanical manufacturing of articles, manufacturing manager, developer, machine setter, machine operator, material supplier or products related to the manufacture of packaging glass...

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

- Notions related to heat exchanges in the forming machine
 - Fundamental properties of glass (viscosity, energy transmission)
 - Generalities on manufacturing hollow glass
 - Main settings
 - Choosing the process
 - Blow-and-blow process
 - Manufacturing cycle
 - Gob loading
 - Blank forming (settle blow, counter blow)
 - Elongation
 - Blowing
 - Extraction, Conveyor
 - Press-blow procedure
 - Manufacturing cycle
 - Gob loading
 - Blank forming (pressing)
 - Elongation
 - Blowing
 - Extraction, Conveyor
- For each process and each manufacturing step, influential settings as well as any glass defects that shall be generated, will be detailed.

➤ **Duration of the training**

1 to 2 days depending on the program

➤ **Place of training**

At your choice (your site or elsewhere)

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