Mold Design / Product Development

Dates: 19th – 23rd October 2015 (Lisbon, Portugal)
Fee: € 2'500 per participant (incl. 6 nights hotel, breakfast & lunch)

Purpose and Objective

1. Product development: understand the containers usage specification and establish the correct design to improve/optimize line performance.
2. Production process definition and parison design rules
3. Mold equipment interface: understand the machine limits and choose the correct assembly.

The course covers:

- Functions / goals of a mold design department
- Container requirements
- Container forming by the blow & blow process
- Container forming by the press & blow process
- Overview of IS machines and limits
- Mold equipment part
- Mold design limits and restrictions
- Invert dimension and mold holder selection
- Blow & blow parison design rules
- Press & blow parison design rules
- Narrow neck press and blow parison design rules
- Ideal gob weight / baffle diameter selection / auxiliary tables
- Blow mold cooling
- Blank mold cooling

The 5 day course is structured:
- 3 days theoretical
- 2 days practical development using customer containers

*Note: The fee includes 6 nights hotel accommodation, breakfast, lunch. Flights and dinner not included