

Technical Process Optimization

Objective:

Designed to give an in depth knowledge of the injection moulding process. Through both theoretical and practical training the attendee will gain the ability to demonstrate a structured approach and understanding of the injection moulding process and set machine from zero values.

Ideal participants

- Having attended introduction course or have a basic knowledge of injection moulding process.

Maximum No. of Participants: 2 per course

Course duration: 3 Days

Course content

Day 1 Theory

- Choosing plasticising unit (pressure / shot)
- Clamp force calculation
- Structured process to set clamp system
- Structured process to set injection
- Overview of tooling including core pull control
- Injection moulding faults

Day 2/3 Practical

- Overview of safety systems of machines
- Safe installation of tooling & set points from Zero
- Calculation of clamping pressure required
- Optimise mould cycle/ process to achieve acceptable components
- Tolerance monitoring set up & use
- Use of SPC to ensure quality monitoring
- Trainer assessment of attendee and feedback

Please call on 01933 354460 or email aftersales@boy.ltd.uk to receive full details, a formal quotation and to make your reservation.