



## REP international

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with a capital of 2,500,000.00€  
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A.P.E n° 2896 Z - ISO 9001



RUBBER IN MOTION

# TRAINING Process and Mold Design



## TRAINING COURSE PROGRAM

### CONTENT

#### Introduction

#### General knowledge

Prerequisites

The part and its specs

the compound, its characteristics and its assessment

The press

The steels for rubber molds

Design approach

#### Thermics in process and mold

#### Construction elements / mold equipment

Mold structure

elements

Fastening on the press, etc.

#### Feeding of the part

The different types of feeding

Where should we feed the part

#### Vacuum

#### CRB (Cold Runner Block)

Principle of the temperature control

Technical definition

Shut-off C.R.B.

#### Injection-compression mold

#### Injection-transfer mold

#### FillBalancer® controlled injection-transfer mold

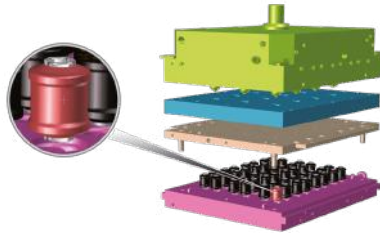
#### Stripping kits

Mechanization in the molds

#### Special presses

#### questions

#### Conclusion



### THE PEOPLE CONCERNED

- Rubber mold designer,
- Mold design draughtsman,
- Rubber injection plant methods manager,
- Eventually mould set-up engineer to be able to be critical on a mold design or to define the necessary developments.

### PREREQUISITES

- Knowledge in rubber molding
- Sufficient knowledge of technical drawing

### TRAINING OBJECTIVE(S)

Learn how to design a mold by taking into account all necessary elements to its dependable operation.

#### INFORMATION AND INSCRIPTION

Please contact the **sales manager** in charge of your area.

**2 DAYS (14H)**

REP, Corbas (69)  
or customer site

**Quotation  
on request**

For a **customized session on customer site, quotation on request.**

Deadline to access to the training:  
**6 weeks** before the course starts.

⇒ The training will be conducted for a minimum of 4 to a maximum of 6 people.

⇒ The training will take place in a room with projections, explanatory animations, and other adapted supports.

Please note that the training may be postponed in case of health constraints or absences.

*Transportation and accommodation costs in Lyon are not covered by REP. The training courses can be adapted to people with disabilities. Please contact us for the appropriate proposal.*

