Training:
Process and mould conception

Programm of the training session

Introduction
General knowledge
preliminary conditions
the part and its specification
the compound, its characteristics, and its evaluation
the press
the steels for rubber mould
conception approach ...
Thermal points on process and mould
Construction elements / mould equipment
mould structure
centrimg elements
fixing on press....
Part feeding
different kinds of feeding
where should we feed the part
Vacuum
C.R.B.
thermal regulation principle
technical definition
valve gate C.R.B.
Injection-compression mould
Injection-transfer mould
Regulated injection-transfer mould
FillBalancer®
Stripping kits
Mechanisation on moulds
Special presses
Other questions
Conclusion

People concerned:
• Rubber mould designer
• Rubber injection plant method manager
• Eventually, operator in charge of the mould set-up in order to review a mould conception or define the necessary evolutions.

Preliminary conditions:
Knowledge in rubber moulding
Sufficient knowledge in technical drawings.

Goal of the training session:
The objective of the training is to give all elements to the trainee in view to let him be able to design mould by taking in account all necessary elements to its good operation. After the training, the trainee will be able to design mould according to REP concept.

Infos and subscription:
Please contact the sales manager of your area.

REP, Corbas (France)
from 10 to 12 June 2020

Price (net of taxes):
1500 €

2 1/2 DAYS (20h)

One part of the training session will be the theoretical training held in the training room with slide projections, relating explanations and samples. The other part will be held in the plant with demonstrations of the injection moulding process, a C.R.B., machines equipped with various options and different mould types.
Training:
Adjustment of the moulding parameters

Programm of the training session

Introduction
Rubber in general
What is rubber?
Rheometry
Flowability
Viscosity
Head losses
The injection moulding press
Remarks
Setting the parameters of the injection unit
Temperature
Compound preparing
Mould filling
Degassing
Hands-on training in the plant
Presentation of the closing unit
Mechanical
Temperature
Special machine cycles
Compression-injection
Injection-transfer
Curing
The CRBs
Assessment of a compound
TurboCure®
Approach for starting a new mould
The injection moulding faults
Faults on the moulded parts and possible origin
Additional questions
Conclusion

People concerned:
• Operators in charge of the machine settings
• Operators in charge of the mould settings

Preliminary conditions:
The trainees must have followed the REP training session « Application » or have an equivalent level.

Goal of the training session
The objective of the training session consists in explaining the different features of the injection moulding process to the trainees. They will then be able to start a new production, adjust the mould and optimise the process.

Infos and subscription:
Please contact the sales manager of your area.

2 1/2 DAYS (20h)
REP, Corbas (France)
from 15 to 17 June 2020
Price (net of taxes):
1500 €

One part of the training session will be the theoretical training held in the training room with slide projections, relating explanations and samples. The other part will be held in the plant with demonstrations of the injection moulding process, a C.R.B., machines equipped with various options and different mould types.