



# USING A ROBOT IN PRODUCTION



## Objectives

Know how to operate the robot  
Be able to diagnose routine anomalies



## Program

### PRINCIPLES OF THE CONTROL SYSTEM

Hardware  
Safety  
Initialization procedures  
Movements in manual mode  
End Of Arm Tooling (EOAT): installing, checking

### STARTING PRODUCTION

Choosing the program  
Home return and the first cycle  
End of production  
Changing the cycle's parameters in auto mode

### TROUBLESHOOTING

Understanding the fault messages  
Troubleshooting and researching after a fault



## Training Methods

All of our courses are based on alternating between the transfer of know-how and good practice, with concrete exercises and real-life situations.

All trainees will be given a folder containing the documents, exercises and corrections of the practical work done during the course.



## Assessment Methods

Trainees are assessed by the trainer for each module to measure the knowledge acquired at each step of the course, through practical work.

### Date

To be determined

### Place

On your production site  
The SEPRO Campus (La Roche sur Yon/85)  
The training center (Groissiat/01)

### Duration

1 day / 7 hours

### Target trainee

Operators  
Setters

### Number of participant

3 to 8 people maximum

### Equipment

Rooms equipped with board (interactive, paperboard, white board, video projector)  
Provision of robots with control systems (1 robot for 2 to 3 people)

### Required knowledge

None

### Access to training

Open to everybody

### Formalization of the training

Attendance sheet provided by SEPRO