

# MAINTAINANCE

## EcoBell3



### Target group

Maintenance personnel

### Course objective

After participating in the course successfully you will be capable of carrying out the maintenance work specified in the course contents. You will be able to evaluate the wear condition independently and replace worn parts.

### Admission requirements

Expert training in the area of mechanical engineering or comparable long-term work experience.

### Course structure

After a theoretical introduction you will carry out the work under the instruction of a trainer on real atomizers.

### Course contents

- » Design and function of the rotating atomizer
- » Paint types and loading variants
- » Functionality of paint atomization
- » Coat build-up and effect paints
- » Bell disk overview
- » Safety-related aspects for maintenance and servicing work
- » Periodic maintenance and inspection work
- » Atomizers and bell disk cleaning
- » Recognizing valve leaks
- » Maintenance work on the rotating atomizer
  - » Atomizer exchange
  - » Exchanging and cleaning bell disk
  - » Dismantling and installing bell disk
  - » Exchanging and cleaning shaping air ring
  - » Exchanging and cleaning exterior charging device
  - » Dismantling and installing exterior charging device
  - » Exchanging resistors and electrode tips
  - » Exchanging brush ring
  - » Exchanging bearing unit (turbine)
  - » Exchanging fiber optic cable
  - » Exchanging function valves
  - » Dismantling and installing function valves
  - » Dismantling and installing paint pipe with nozzle, paint pipe centering
- » Calibration tool

### Course length/registration

Length: 1 day

Identification: DT-18 (Please state when you register)

#### CONTACT

##### Dürr Systems AG

Carl-Benz-Str. 34  
74321 Bietigheim-Bissingen  
Phone: +49 7142 78-2245  
Email: training-apt@durr.com