

NXT / AIMEX Technician Training

1. Training designation

„NXT Technician Training“

2. Training goals

The participants learn about:

- the set-up and features of the machine
- software tools and their operation
- monitoring the state and response of sensors
- saving the correct log data
- error detection and prevention of machine down-time
- removal and re-installation of various machine parts
- consumables, maintenance material and -tools
- maintenance on machine, placing heads and feeders

3. Target group

The target group includes employees from maintenance and troubleshooting teams, process engineers and operators with extended duties/responsibilities

4. Methods

The knowledge is imparted during lectures, team and partner work and joint discussions

5. Training period

The training takes 3 days, daily from 9:00 am – 04:00 pm

6. Training topics

- Machine set-up
- Units: conveyor, placing head, cutter, part- and fiducial camera
- feeder, pallet, PCU etc.
- Electrical units and fuses
- Information about machine safety instructions
- Explanation of the moving axis, meaning of fiducial marks, 2D codes and sensors
- Explanation of the user interface
- Replacement of placing head and nozzle nest
- Explanation and execution of auto calibration - importance of jig nozzles and hybrid calibration
- Explanation of Accessory Software
- Machine and module configuration
- Acquire trace data
- Equipment check with practical examples.
- Removal and re-installation of camera, nozzle changer and cutter
- Error detection and failure search with practical examples
- Explanation of maintenance work/materials and tools (machine, feeders, heads)
- Questions and answers