

# **NXT / AIMEX Advanced Technician**

## **1. Training designation**

„NXT / AIMEX Technician Advanced Training“

Participation in this course requires the completion of a NXT technician course.

## **2. Training goals**

The participants will be able to:

- understand the structure and function of the machine
- use software tools
- monitor the state and response of sensors
- replace the batteries and restore running condition
- understand the servo system and reset origin position
- understand the IPS system and use the results
- read and change machine IP addresses
- execute different software installations

## **3. Target group**

The target group are employees of maintenance and troubleshooting teams, as well as process supervisors.

They are specialists (skilled workers, masters, technicians) who have been working in the SMD manufacturing sector for several years and are familiar with the production process and manufacturing machines in general.

The group is responsible:

- to maintain or repair the line equipment
- to train and supervise the operators
- to ensure the line availability and full running condition
- to improve the production process continuously
- to order spare parts, consumables and maintenance material

## **4. Methods**

Lectures, joint discussions, workshop,  
partner exercises, team work, case studies,  
Skills are deepened with individual practice.

## **5. Timeframe**

The training takes 3 days, daily from 09:00 am - 04:00 pm.

In direct combination with a "Technician training" the duration of the training is 5 days.

## 6. Training topics

What's inside? – units of the machine

- NXT – general overview
- NXT – module
- NXT – base

What's around?

- SW tools
- Accessory SW
- trace data
- Equipment Check
- CD1 (miscellaneous)

Empty backup batteries – what to do?

- data backup
- module CPU
- base CPU
- servo X-axis
- servo placing head
- tray-unit

How to find errors?

- Strategies
- Troubleshooting (locate and eliminate errors)

Emergency kit

- What to do, if...
- MEdit tools

SW installation

- various units
- Update Reports, compatibility charts
- Version Up
- cF Card Handling
- IP address setting