NY32 Machine Training

Highest Demanding Finishing Processes

Course Description

This training material introduces the student to the NY32W test handler. The training is offered in three levels from the perspective of an Operator, a Maintenance Technician and an Advanced Technician:

- Level 1 - Basic: Focused on basic operational procedures: loading/unloading parts, troubleshooting, and general equipment safety
- Level 2 - Intermediate: Maintenance focused course intended to get the student familiar with the product. Operational requirements, setup and alignment, device workflows, and mechanical/electrical diagnosis
- Level 3 - Advanced: Maintenance focused course intended to get the student familiar with the product. Complex mechanical/electrical diagnosis, motor tuning, setup and alignment

Course Outline

- Introduction and Process Overview
- NTI.Net Software
- Machine Platform
- Machine Input and Output
- Machine Module
- Q&A, Test, Wrap Up

Course Length

- Level 1: Basic - two days (sixteen hours)
- Level 2: Intermediate - five days (forty four hours*)
- Level 3: Advanced - seven days (fifty six hours)

Prerequisites

- Level 2: Level 1 training and a minimum of 30 days experience with the NY32 test handler
- Level 3: Level 2 training and a minimum of 6 months experience with the NY32 test handler

Recommended

- English - written and spoken

Automotive

Mobility

IoT/IoV & Optoelectronics

Computing & Network

Industrial & Medical

Consumer

- **32-position Turret Test and Scan**
- **Autonomous operation and productivity**
- **Automotive KGD**
- **Comprehensive Cohu *NV*core Inspection Solution**
  - **3D Flex® for True Ball/Bump co-planarity**
  - **Full 6 Sides inspection**

NY32 Machine Training

Level 1: Basic

Day 1 - 2

1 - Introduction and Process Overview

- Machine General Overview
- Machine Safety Caution
- Device Flow and Process
- Module Description and Function

2 - NTI.NET Software

- NTI Structure
- Menu Navigation
- Sub Menu Navigation
- User Interface

Day 2

3 - Machine Platform

- Machine Overview
- LOT Management
- Simple PM
- Practice on AFTR

4 - Q&A

- Q&A, Test, Wrap Up

Level 2: Intermediate

Day 1 & 2

1 - Introduction and Process Overview

- Machine General Overview
- Device Flow and Process
- Module Description and Function

2 - NTI.NET Software

- Software Structure
- Menu Navigation
- Sub Menu Navigation
- Debug Tools

Day 2 - 3

3 - Machine Platform

- Turret Overview
- Multifunction Bin
- Turret Setup
- LAN communication
- Electronic Board
- Etel Upload and Download
- Pneumatic and Electricial

Day 4

4 - Module Alignment (1)

- Bowl Feeder/AGL/UNI-Feeder/Vibrator Tube Loader
- Orientator Recentering
- 4P/12P/16P/2P Table
- AFTR
- QuattroBin/Dual Bin

5 - Module Alignment (2)*

- XYT-Module/Flip Chip Module
- N-Tube
- De-Taping
- UNI-unloader/AGUL

Day 5

6 - Q&A

- Q&A, Wrap Up
- Practical Test

* Module Alignment (2) optional day (8 hours) depends on how many modules on machine

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NY32 Machine Training

Level 3: Advanced

Day 1 - 2

1 - Introduction and Process Overview

- Machine General Overview

2 - NTI.NET Software

- MMI
- Debug Tools

3 - Machine Platform

- Pneumatic and Electrical
- Multifunction Bin

Day 2 - 4

4 - Turret Setup

- Turret Replacement
- Etel Upload and Download
- Etel Motor Tuning
- Turret Set Up
- Preventive Maintenance

Day 5- 7

5 - Machine Module Layout

- Bowl Feeder/TNLR/AGL/Unifeeder
- 4P/12P/16P Table
- XYT Recentering/Rotary
- Taping (AFTR)
- Auto Reel Changer (ARC) [optional]
- Falcon Eye

6 - Q&A

- Q&A, Test, Wrap Up

Who Should Attend

- Level 1 : Operator
- Level 2: Maintenance Technician
- Level 3: Advanced Technician

Training Locations

- Level 1 - Basic: on-site customer class
- Level 2 - Intermediate: on-site customer class or Cohu training facility
- Level 3 - Advanced: on-site customer class or Cohu training facility

Customized classes and on-site customer classes are available to suit your training needs.

More Information/Registration

- Contact training@cohu.com

Training Course Catalog

- Visit our handler training catalog to view our other training offerings www.cohu.com/handler-training