

SHIBAURA MACHINE COMPANY, AMERICA

755 Greenleaf Avenue
Elk Grove Village, IL 60007

Hosted by: PNA TECHNICAL SERVICES

EC MAINTENANCE CLASS at Shibaura Machine Technical Center

Training will be held at Shibaura Machine Technical classroom in Elk Grove Village, IL. Each student will be responsible for travel expenses, lodging and meals. We will provide a continental breakfast in the AM and sandwiches will be brought in for lunch.

CLASS LOCATION:

SHIBAURA MACHINE TECHNICAL CENTER
755 Greenleaf Avenue
Elk Grove Village, IL 60007
888-593-1616

COURSE DESCRIPTION

The attendee must have a basic understanding of the SHIBAURA EC All Electric machines. Details of machine parameters, requirements for proper machine upkeep, and review of control functions will be presented. A Shibaura all electric machine will be used in process demonstration in conjunction with classroom training.

COURSE OUTLINE

- ☐ Component Overview
- ☐ Control Cabinet Overview
- ☐ Injection Unit Overview
- ☐ Clamp Unit Overview
- ☐ System Outline
- ☐ V50 Controller Special Features
- ☐ Ladder Logic Overview
- ☐ Electrical Schematics
- ☐ Lubrication System
- ☐ Servo Zeroing Procedure
- ☐ Servo Belt Tensioning Procedure
- ☐ V50 Controller Maintenance Screens
- ☐ Shibaura Maintenance P.M. Schedule (manual & screen)
- ☐ Shibaura Service Manual Overview (comes with IMM)

COURSE OBJECTIVES

- ☐ Understanding EC***SXIIIV70 Machine Components
- ☐ Learn EC***SXIIIV70 Controller Special Functions
- ☐ Learn Basic Ladder Logic
- ☐ Learn How To Read Shibaura EC***SXIII Electrical Schematics
- ☐ Understanding The Lubrication System
- ☐ Learn Basic Servo Maintenance
- ☐ Better Understanding of The Service Manual

COURSE SCHEDULE AND HOURS

The training class will begin promptly at 9:00AM Arrival at 8:30AM is expected.

1st day

7 hours 9:00AM-4PM

- ☐ Introduction
- ☐ Component Overview
- ☐ Control Cabinet Overview
- ☐ Injection & Clamp Unit Overview
- ☐ System Outline
- ☐ V50 Controller Special Functions
- ☐ Ladder Logic Overview

2nd day

7 hours 9:00AM-4PM

- ☐ Electrical Schematics
- ☐ Lubrication System
- ☐ Servo Maintenance
- ☐ V50 Maintenance Screens
- ☐ Shibaura Maintenance P.M.s and Service Manual

Upon arrival to Shibaura Machine Technical center, please let secretary know you are here for the training class. One of our employees will then direct you to the technical center and classroom. Remember to sign in each day of the training class.

PARKING: Parking will be available in the guest parking lot

MEALS:

Upon arrival, a continental breakfast (donuts, coffee juice and water) will be served in the technical center. Sandwiches will be provided at Noon in the same location.

HANDOUTS: You will be given a hardcopy of the presentation for note taking and review after the sessions.

CERTIFICATE of COMPLETION: Upon completion of the two-day class you will be given a Certificate of Completion for your SXII controller training.

TRAINING COURSE FEEDBACK: A handout will be provided at the end of the class for feedback on the class, and suggestions for improvements.

PLANT REQUIREMENTS:

Dress is business casual. Safety glasses will be required when in the technical center at the machines.

COST: \$395 per STUDENT

Space is not confirmed in the class until PO or payment is received.