

# Shibaura Machine

## SMA 302- Module Outline

### Module: Machine Trouble Shooting for Maintenance Personal DC###R-M

Instructor: Shibaura Machine Instructor

Class Duration: 2.0 Days

Instructor Email: dc-training@shibaura-machine.com

Update: 12-27-19

#### MODULE DESCRIPTION:

This course serves as an introduction to the Die cast Machine for:

- Review of Safety, Review SMA 102
- Toscast 888  
*Explanation of maintenance related pages of the system  
Ladler, Sprayer, and Take out Program review and testing*
- Manual for Maintenance  
*Maintenance of Die Casting Machine, Basis of Machine Maintenance  
Examples of Trouble in Die Casting Machine  
Injection, Die Clamping, Hydraulic Components, Electrical Components  
Electrical Components, Ladling unit, Spray unit, and unloading.*

This training occurs during the normal production.

#### COURSE OBJECTIVES:

The student will have a basic understanding of machine safety, basic alarm recovery, and explanation of machine component replacement.

#### HANDOUTS AND SUPPLIES:

- Handouts should be machine specific STE-96824-1 Toscast Alarm Manual, Training Course Manual Maintenance.
- Operator manual page from documentation provided with machine.
- Check list that is signed by the customer upon completion.
- Instructor will supply one printed copy and customer can duplicate as needed.
- Sign off sheet for completion of module training, Sign in for list of attendees.
- PREREQUISITE:
- Student must have:
  - *understanding of Shop safety, Basic Diecasting machine experience, SMA 102 completed.*

#### LECTURE AND PREPARATION:

The course will a combination of lecture presentation and in plant removal, inspection and repair of machine equipment.

#### COURSE POLICIES:

Electronic Devices during the training should follow the company policy.

#### Outline Changes

The management at SMA reserves the right to adjust this outline to reflect changes in machine configuration, or policy. We also allow our instructional staff to influence their outlines based on personal experience, market trends, and other conditions that will provide greater knowledge to our students.

### **SHIBAURA MACHINE COMPANY, AMERICA**

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