

# Shibaura Machine

## SMA 102 – Module Outline

### Module: Casting preparation & production startup DC###R-M

Instructor: Machine Installation Technician

Contact and Class duration: At time of Final installation and casting preparation (1.0 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 and SMA 101**
- **Toscast 888 instruction**  
*Pressure set-up, Casting set-up, core .....*  
*Injection input data*  
*Ladle, Sprayer, Takeout.... Mechanical and Data setup*
- **First shot procedure and Production part adjustments**

This training occurs during the Final installation and casting preparation.

#### COURSE OBJECTIVES:

The student will have a basic understanding of machine safety, basic alarm recovery, and casting injection parameters.

#### HANDOUTS AND SUPPLIES:

- Operator manual STE-97472 Machine Instruction Manual, STE-96835-2 Toscast 888 instruction manual and STE-96824-1 Toscast Alarm Manual.
- 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 and Sign in for list of attendees
- PREREQUISITE:
- Student must have:
  - understanding of Shop safety, *Basic Diecasting machine experience*
  - *SMA 101 completed.*
  - *Die casting setup experience.*

#### LECTURE AND PREPARTATION:

Students are expected to work closely with the Shibaura installation technician. Most of the training will occur during the installation.

#### 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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