



NIIGATA MD-SERIES TRAINING PROGRAM

OUTLINE FOR NIIGATA MD SERIES ALL-ELECTRIC MAINTENANCE TRAINING CLASS

Basic Machine Components

1. Clamp Unit
2. Injection Unit
3. Process Steps
4. Machine Specifications

Machine Preparation

1. Machine Safety Devices

Molding Conditions Input Method

1. Operators Station
2. Main Menu

Machine Operation

1. Cycle and Sequence
2. Mounting Mold
3. Nozzle Alignment
4. Injection Process Control Settings
5. Servo Motor Loads

Alarms

1. Alarm Types
2. Alarm Numbers

Basic Machine Functions

1. Description of machine clamp end components.
2. Procedure for squaring the platens.
3. Description of machine injection unit components.
4. Screw and screw tip types, specifications, maintenance, types of wear, and how to measure
5. Injection unit alignment

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Periodic Maintenance

1. Greasing the Machine
2. Belt Tension
3. Screw and Barrel Removal
4. Battery Replacement
5. Load Cell Calibration

Electrical System

1. Basic electrical theory.
2. Electronic component description and location.
3. Problem solving and trouble shooting.

Machine Control

1. Factory screens.
2. Setting Axis Zero Positions

PLEASE NOTE THAT THIS IS A TWO AND A HALF DAY SEMINAR.

ALL CLASSES INCLUDE TIME SPENT IN THE CLASSROOM AND WORKING ON MACHINES. COST OF THIS TRAINING FREE TO OUR CUSTOMERS, HOWEVER, MATERIALS CHARGE IS \$250.00 TO COVER COSTS OF CLASS MATERIALS, MANUALS, AND LUNCH, WHICH IS PROVIDED EACH DAY.

TRANSPORTATION AND LODGING IS THE RESPONSIBILITY OF THE CUSTOMER.

CLASSES WILL BE HELD AT OUR WOOD DALE ILLINOIS TECH / TRAINING CENTER.

939 AEC Drive

Wood Dale, IL 60191

Phone: 630-875-0202

CLASS WILL START AT 8:30 AM. CST AND END AT APPROX. 4:00 PM.

CLASS WILL END AT 12:00 NOON ON THE FINAL DAY OF CLASS.

Recommended hotels are the Courtyard and Double Tree in Wood Dale. Both are within easy walking distance of the Niigata Technical Center. The Double Tree client ID# 0002685529 and the Courtyard ID – NICP will both get a rate of \$119.00 per night.

