



MOMII BASIC OPERATIONS COURSE

Online Training Course

Course ID: SP113E, SP114E, SP115E,
SP107E

ITW EAE Learning

Our eLearning courses are specifically designed to provide engaging and interactive learning opportunities for operators, technicians, engineers and/or managers to be introduced to or build upon the knowledge and skills needed to successfully operate, maintain, program, or troubleshoot their MPM Momentum equipment. Online courses are designed to cover beginning and intermediate competencies and should be mastered before considering more advanced, in person training. Courses require a reliable internet connection and can be viewed at your own pace on your phone, tablet, or pc laptop.

Course Overview:

This course is designed to provide the basic knowledge that all new or newer Momentum II operators should have to be successful in their roles. The four modules focus on the best practices involved with the production process, including start up and shut down, set up and changeover, monitoring and sustaining, and performing daily maintenance. Each module also presents possible alarms and issues that may occur, and the steps the operator should take to resolve them.

Prerequisites:

- MOMII Safety Information & Guidelines (SP120E).
- Printing Basics (SP101E) OR a basic understanding of stencil printing.
- Machine Overview (SP105E) OR an understanding of the Momentum II stencil printer.

A basic understanding of stencil printing and the Momentum II printer is recommended, to better understand how to operate the machine.

Time Requirements: 3-4 hours

Assessments: Quizzes

Language: English

For more information and pricing, please contact ITW EAE at training@itweae.com.

Learning Objectives:**Module 1: Start Up and Shut Down**

- Understand the sequence of steps required to start up and shut down a Momentum II stencil printer.
- Perform the steps required to start up and shut down a Momentum II stencil printer.
- Recognize common alarms that may be encountered if proper start up and shut down procedures are not followed.
- Troubleshoot and correct issues to clear alarms and proceed with production.

Module 2: Set Up & Changeover

- Understand the difference between set up and changeover.
- Explain and demonstrate how to initiate and perform set up and changeover tasks.
- Identify and load a process program.
- Explain what is meant by process mode and how to determine the correct mode.
- Demonstrate how to select the process mode.
- Explain how to start production and list the required materials and tooling to start.

Module 3: Monitoring & Sustaining Production

- Understand the options on the Benchmark main screen.
- Describe when to use start, pause, and stop functions and demonstrate how to use them.
- Name the materials and/or consumables used in production and explain how to replenish them.
- Recognize common production alarms and explain how to identify and resolve them.
- Differentiate between production problems that can be resolved by an operator and those that require additional support.

Module 4: Daily Preventative Maintenance

- Inspection of the hood gas springs
- Inspection and cleaning of internal assemblies
- Inspection of the solvent pan and leak sensor
- Removal and cleaning of the squeegee blades
- Removal and cleaning of the board tooling
- Removal and cleaning of the stencil