

Adv. Alarm Mgmt.: Fundamentals – DynAMo Effective Usage Implementation



Course Overview

Course number: AAM-0004

Course length: 4 days

Protect plant profitability by reducing the frequency and impact of abnormal situations.

This course provides an introduction to the configuration and usage of the DynAMo product suite. This suite consists of:

- DynAMo **Documentation & Enforcement**. D&E is a DCS-independent application that helps keep processes safe and profitable with an array of alarm system management features
- DynAMo **Alerts & Notifications**. A&N can keep operators and others informed of situations that may be unrelated to alarms (such as dates and times) or that are early indicators of trouble but not yet worthy of alarm status. This frees the alarm system for its intended use
- DynAMo **Metrics & Reporting**. M&R is a powerful tool for analyzing specific events to evaluate human responses and to identify root causes. Dashboard allows operators, engineers and managers to view the health of their alarm system at a glance

The DynAMo Alarm Suite is based upon methodologies and best practices developed as part of the Abnormal Situation Management Consortium. This course delivers the skills and knowledge to optimize Operator effectiveness, eliminate incidents or reduce their impact.

Course Benefits

You will acquire the necessary skills and knowledge to:

- Manage the configuration of alarms for your control system
- Display on-line alarm help, including alarm cause, consequences, and suggested actions
- Use D&E for Mode Based Alarming
- Monitor process conditions and alert operators via displays, emails and pagers
- View and schedule reports, which measure your actual alarm performance against standard or custom performance targets
- Identify potential problem areas with your alarm system, and focus alarm system improvement efforts on the items with the biggest payback
- Drill down and transform data in reports to expose the data most important to you

Course Delivery Options

- In-Center Instructor-Led Training
- On-Site Instructor-Led Training

Who Should Take This Course?

- Process Engineers
- Shift Supervisors
- Lead Operators
- Personnel responsible for the design, rationalization and implementation of the alarm hierarchy
- Personnel responsible for tracking alarm performance against key performance indicators

Prerequisite/Skill Requirements

Prerequisite Course(s)

- None

Required Skills and/or Experience

- Familiarity with the configuration of alarms and site's operating environment
- Familiarity with Windows

Desirable Skills and/or Experience

- None

Course Topics

- Module 1 - Alarm Management Overview
- Module 2 - Experion® Application Server (EAS)
- Module 3 - Documentation & Enforcement (D&E)
- Module 4 - Alerts & Notifications (A&N)
- Module 5 - Metrics & Reporting (M&R)

Additional Training

To increase your knowledge and skills, there are additional courses available from Automation College.

For more information and registration, visit www.honeywellprocess.com/en-US/training.