Course CDI 610 – Alarm Rationalization

Description:

Modern control systems make it easy to add alarms with minimal cost or consideration for whether they are truly needed. This has led to an overabundance of alarms, nuisance alarms, alarm floods, and incorrectly prioritized alarms. These diminish the operator's effectiveness and can cause them to miss critical alarms leading to loss of production, damage to assets, or worse. Alarm rationalization, a proven alarm management technique and one of the stages of ISA-18.2's alarm management lifecycle, can help address these issues. Rationalization is a multi-disciplinary process for ensuring that each alarm is justified and meets the criteria for being an alarm. It also involves defining the alarm's attributes (such as limit, priority, and classification) and documenting the cause, consequence, and corrective action all in a Master Alarm Database (MADB).

What Attendees will learn from the class:

- Determine what alarm conditions are justified and necessary
- Define alarm settings to provide operators with sufficient time to respond
- Improve the speed and consistency of operator response using Alarm Response Procedures
- Reduce the number of alarms presented to the operator
- Prevent alarm floods
- Suppress alarms when they are not relevant or meaningful
- Ensure that alarm settings track the operating state of the process
- Eliminate nuisance alarms and redundant alarms
- Prioritize alarms so that operators know which alarms to respond to first
- Optimize the risk reduction of alarms used as a safety layer of protection

Course Location: Control Dynamics, Inc.
201 Wylderose Dr.
PO Box 509
Midlothian, VA 23113

Sponsored By: Control Dynamics, Inc.

To Enroll or for More Information: **Connie Goodman – Phone:** (804) 858-5878
Email: Connie.Goodman@Control-Dynamics.com

Course Dates: February 8-9, 2012 (Wednesday-Thursday)
Course Cost: $1,375 Purchase order or payment required at time of enrollment.

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Enroll As Soon As Possible – Seating Is Limited.