

## **2 Day Workshop: Human Error: Why Human Error is the biggest downtime problem in the manufacturing sector and how to investigate, control, reduce, and prevent to improve results.**

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**Date :** Mar 15, 2018 - 08:00 AM - Mar 16, 05:00 PM

**Event URL :** <http://www.BostonEventsList.com/events/-worldcomplianceseminars-com-seminardetails-12-1516959029>

**Organizer :** conference manager

**Venue :** New Brunswick

**Location** HILTON EAST BRUNSWICK HOTEL & EXECUTIVE MEETING CENTER, 3 Tower  
:  
Center Boulevard | East Brunswick NJ 08816 | USA  
New Brunswick, New Jersey, USA, ZIP: 08816

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**Ticket Price: Seminar One Registration -\$ 1395 Special Group Discount Register for Four attendees -\$ 3885**

### Description

Small mistakes can lead to big disasters—just ask the scientists and engineers who worked on the Mars Climate Orbiter: a \$327.6-million USD spacecraft that was destroyed because of a failure to properly convert between units of measurement. Any manufacturer who's had to shut down an entire production line because someone misread a label or forgot to "carry the one" can sympathize. In fact, according to a new study from Vanson Bourne, manufacturers know the pain of unplanned downtime due to human error better than anyone.

### Areas Covered

- Background on Human Error Phenomena
- Importance of Human Error Prevention/reduction
- Training and human error
- Facts about human error

- Human Error as the Root Cause
- What is Human Error
- How is Human Error controlled?

#### Who will Benefit

- QA/QC directors and managers
- Process improvement/excellence professionals
- Training directors and managers
- Manufacturing operations directors
- Human factors professionals

#### Learning Objectives

Ginette Collazo has recently developed new tools to measure, explain and predict human error from both process and cognitive load perspectives. And she'll demonstrate her newly created tools for improving systems and processes, staff training and reducing human error:

Process-related prediction tool: This tool allows organizations to identify cracks and concerns that are based on their organizational processes. 80% of mistakes are caused by problems within these systemic areas:

- o Procedures
- o Human factors engineering

Cognitive load assessment tool: Only 20% of mistakes occur due to human frailties. This tool examines best practices for restructuring training and processes to improve workers' ability to perform as expected. The tool focuses on workers':

- o Individual performance
- o Memory
- o Attention

#### **Event Categories :**