

## Failure Mode and Effects Analysis (FMEA) Workshop\*

**Delta Bessborough**  
601 Spadina Crescent East  
Saskatoon SK, S7K 3G8  
Phone: (306) 244-5521  
**Carlton Room**  
**Wednesday, March 31, 2010**

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<b>8:00 a.m.</b>	<b>Registration &amp; Continental Breakfast</b>
8:30 – 8:45	Welcome
8:45 – 9:15	Overview of Systems Approach
9:15 – 9:30	Video Presentation
<b>9:30 – 9:45</b>	<b>Break</b>
9:45 – 10:00	Overview of Human Factors Engineering (HFE)
10:00 – 10:30	Introduction to FMEA Step 1 and Step 2
10:15 – 10:45	Small Group Exercise – Everyday FMEA
<b>10:45 – 11:00</b>	<b>Break</b>
11:00 – 12:00 p.m.	<u>Group Work</u> Step 1: Selection of a High Risk Process and Team Step 2: Diagram the Process and the Sub-Processes
<b>12:00 – 12:45</b>	<b>Lunch (provided)</b>
12:45 – 1:15	Introduction to FMEA Step 3, Step 4, and Step 5
1:15 – 2:30	<u>Group Work</u> Step 3: Brainstorm Potential Failure Modes and their Effects Step 4: Brainstorm Potential Causes Step 5: Prioritize Failure Modes
2:30 – 2:45	Introduction to FMEA Step 6 and Step 7
<b>2:45 – 3:00</b>	<b>Break</b>
3:00 – 3:30	<u>Group Work</u> Step 6: Redesign Process Step 7: Analyze and Test the New Process
3:30 – 3:45	Introduction to FMEA Step 8
3:45 – 4:00 p.m.	Closing Remarks /Feedback

\*Workshop curriculum derived from the Canadian Failure Mode and Effects Analysis Framework<sup>®</sup> developed by ISMP Canada.