

## Step 3 – Root Cause Analysis Models – Part Three Action Planning Checklist

Consider the root cause analysis systems used at your organization:

☐

1. In the case of a recent failure, describe how you were able to follow the steps of Root Cause Analysis. (Step 1 – Notification, Step 2 – Clarification/Classification)

☐

2. Which of these models have been used to investigate a failure at your organization? If it's not a task you've participated in, ask your supervisor or other leader.
  - a. Events and Causal Factors
  - b. Failure Mode Effects Analysis (FMEA)

☐

3. Think of 2 failures you've encountered that would be suited to each of the 2 models. Why did you choose that model for that failure?
  - a. Events and Causal Factors:
  - b. Failure Mode Effects Analysis (FMEA):

☐

4. Ask to participate on a failure investigation or proactive-measures team. Apply what you've learned about Target Conditions, Notifications, Clarification/Classification. Then, choose one of the 2 models and apply it to this failure.
  - a. How did applying a systematic investigation process help?
  - b. What made you choose the model you did for the type of failure?
  - c. What benefits did you discover by using RCA instead of not using a system?