RCA Logic Tree
Circle boxes that have facts to support
X out boxes that have facts to deny

Describe the event that occurred?

What is the event? **"Employee Slipped on Ice and Fell while hurrying to a fire hydrant"**

Summary Steps - Cliffs RCA Investigation
1. Define the Event
2. Identify the fact(s) (1 or more) that led to the event
3. For each fact as you work your way down the tree, ask the question:
   How Can (or why did) this fact occur?
4. Work your way down the logic tree until a root cause is found

CLIFFS

What are the facts that you know about the event?

Fact 1 that played a role in event occurring? **" Employee slipped"**

How can the above fact occur or why did it occur?

How can (or why did) this fact occur? **"No Cleats"**

Now, how can or why did this effect occur?

"Cleats not standard issue"

"Cleats not available"

Now, how can or why did this effect occur?

Now, how can or why did this effect occur?

Now, how can or why did this effect occur?

How can (or why did) this fact occur? **"Lost Balance"**

How can (or why did) this fact occur?

Fact 2 that played a role in event occurring? **" There was Ice on the Ground"**

How can the above fact occur or why did it occur?

How can (or why did) this fact occur? **"Freezing Temperatures"**

Now, how can or why did this effect occur?

"Occurred in January"

How can (or why did) this fact occur? **"Water on Ground"**

Now, how can or why did this effect occur?

Water from leaking pump"

How can (or why did) this fact occur?

What are the facts that you know about the event?

Fact 3 that played a role in event occurring? **" Employee was hurrying to the fire hydrant"**

How can the above fact occur or why did it occur?

How can (or why did) this fact occur? **"Needed to connect hose to the hydrant"**

Now, how can or why did this effect occur?

"Fire Alarm in Building"

How can (or why did) this fact occur? **"Truck stopped a few feet away"**

Now, how can or why did this effect occur?

"Truck stopped at entry"

How can (or why did) this fact occur?

Now, how can or why did this effect occur?

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