

TapRoot® Safety Causal Factor Worksheet

1. What was the Incident? (The worst consequence of the sequence of events.)

2. What was the Hazard (source of energy)?

3. What was the Target?

4. What were the opportunities to eliminate/reduce the Hazard?

5. What were the human errors or equipment failures that triggered the sequence of events that led to the Incident?

6. What were the human errors or equipment failures that allowed the sequence of events to progress that led to the Incident?

7. What opportunities to notice an impending equipment failure (for example, predictive maintenance) were NOT observed or were NOT acted upon?

8. If Safeguards were missing, what led to the missing Safeguards?

9. What failures to properly respond to a human error or equipment failure made the Incident worse?