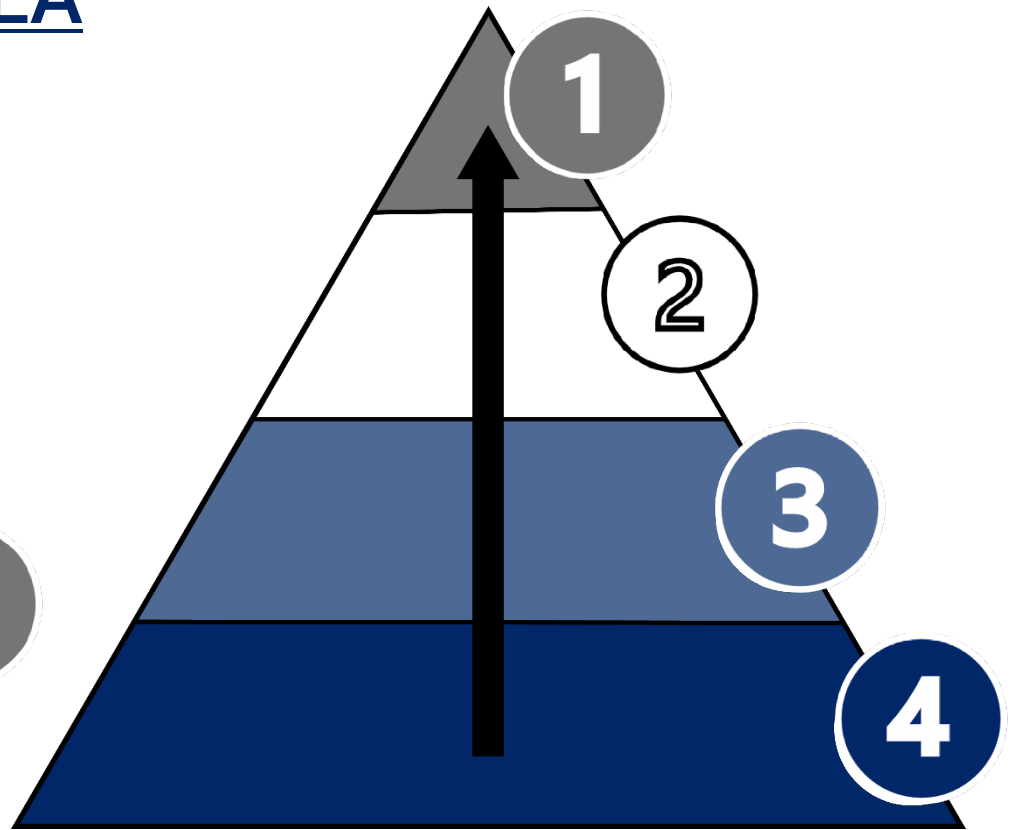


4 Stages of Reverse FMEA

Key:

- A) Metrics
- B) Scrap
- C) Recommended Actions
- D) Special Characteristics
- E) Risk Prioritization



Planning

PERFORMED PRIOR TO THE REVERSE FMEA

- A. Line's metrics and historical performance
- B. Top 3 scrap issues for the line
- C. Future activities that will affect this line
- D. Top Critical characteristics according to the current FMEA
- E. Top risk factors in the current FMEA

Validating

PERFORMED AT THE LINE BEING EVALUATED

- A. Performance metrics: Does the FMEA represent the performance on the floor?
- B. Top scrap issues: Do the causes in the FMEA match the causes in line documentation.
- C. Future activities: Do the action items reflect the implementation on the line and the current state of validation?
- D. Top critical characteristics: Do the controls exist at the point of deployment?
- E. Top risk factors: Are the prevention and detection controls in place at the point of implementation?

Exploring

PERFORMED BY OBSERVING THE STATION UNDER CONSIDERATION

- A. Performance metrics: When comparing actual scrap present at the station, are there issues not included in the current FMEA?
- B. Top scrap issues: Are there causes that must be added to the FMEA based on observation?
- C. Future activities: Are there actions that lack validation or verification? Are there intervals that are not being checked?
- D. Top critical characteristics: Have floor-level workers implemented controls that currently affect the FMEA?
- E. Top risk factors: Are there current state issues that point to a lack of control for the FMEA?

Evolving

UPDATED AND LINKED IN THE APPROPRIATE SYSTEM-LEVEL PROCESSES

- A. Performance metrics: Performance must be reflected in the FMEA for actual S, O, and D
- B. Top scrap issues: Each cause must be present in the PFMEA
- C. Future activities: Past due actions must be discussed. Unofficial actions that protect the line must be added to the FMEA and categorized
- D. Top critical characteristics: Controls added by the floor for proper performance must be added with appropriate change flows
- E. Top risk factors: High-risk areas with current state diverging must be brought up to reality