

Relationship Between FMEA and RCA

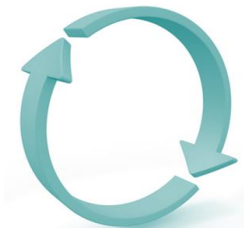
FMEA is a Pre-Problem Solving Methodology

- Opportunity to record what could go wrong before it does
- Take actions to prevent failures
- Both Predictive and Preventative

Root Cause Analysis (RCA) or Failure Analysis (FA) is a Post-Problem Solving Methodology

- Failure has already occurred and must be analyzed to prevent recurrence

RCA =
Detection Cycle
(Failure)



FMEA =
Prevention Cycle
(Failure)

Risk (FMEA) is used as the substitute for Failure (RCA)