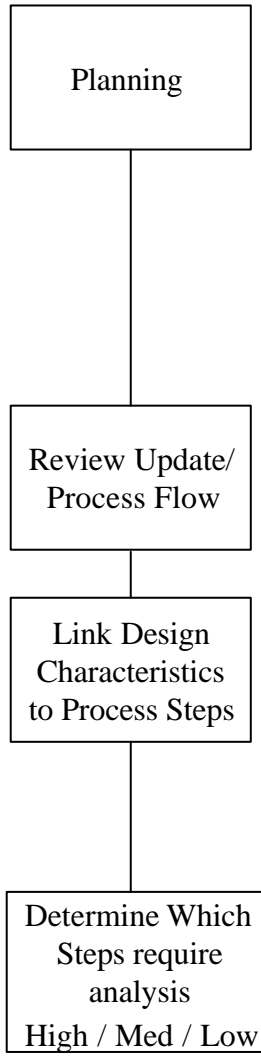


Developing an Efficient Process FMEA

1

Planning For FMEA

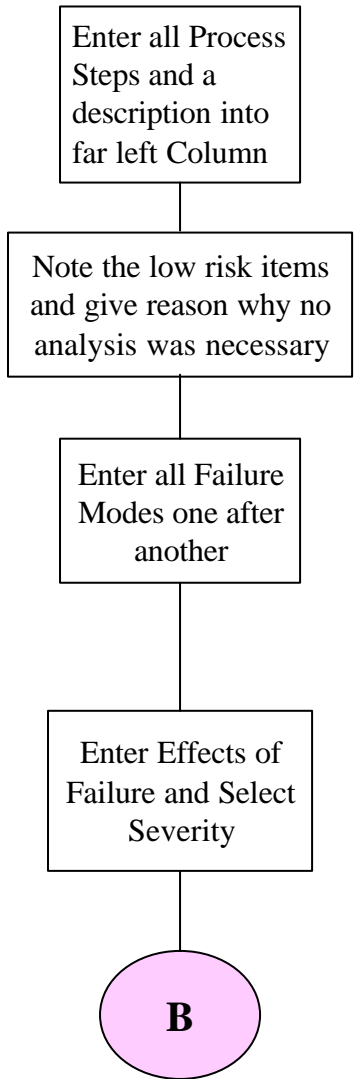


- Gather:**
- Design Input Special Characteristics
 - Surrogate Process Flow
 - Team :
 - ✓ Process Owner
 - ✓ Design Representative
 - ✓ PVT-Problem Data Person
 - ✓ Supplier
 - ✓ Process Contraries
 - Process Flow Diagram
 - Characteristics linked to Customer Satisfaction
 - What Operations affect these Characteristics

- Medium:**
- New Technology
 - Past Concerns
 - Design Characteristics Affected
- High:**
- Safety to Operator
 - Safety in Use
 - Regulatory Requirement

2

FMEA Development



Note:

- If on paper leave plenty of space for further analysis

- Types of Failures:**
- Characteristics from Matrix (if applicable)
 - Full Failure
 - Partial
 - Intermittent
 - Unintended

- List up to 5 in the same box (grouped) per each failure mode
- Place severity # beside each effect in parenthesis ex: (4)
- Place largest severity of the group into severity column

• Refer to Severity Chart for Scale

Developing an Efficient Process FMEA

Detection/Prevention

- D - Visual Inspection
- P - Mistake Proofing
- P - Proximity Switch
- P - Lock outs
- P - Line Interlock
- D - D & R chart

