

? What is It

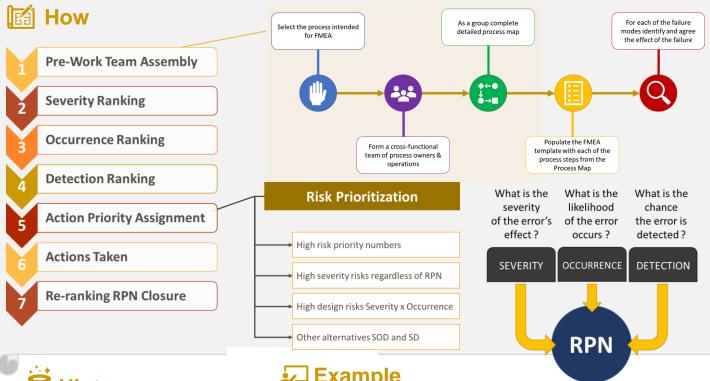
Is an effective method of lowering the **possibility of failure**. **Failure at the modes** is how a process can fail. **Effects are how** these failures can lead to waste, defects, or harmful outcomes for the customer.

🕓 When

- Process design focused on risk mitigation.
- To improve process reliability.
- To improve product quality.
- Used in the Analyze phase of the DMAIC.

🎯 Goals

- **Assess risk,** move from subjective to a quantifiable risk rating.
- Carry out **proactive corrective actions** before a failure occurs.
- **Support** good process design.



🖥 Hints

- The **process map** guides the FMEA method's best practice.
- FMEA may need **Cause-Effect diagrams** to evaluate the potential causes of failure.
- The ranking tables must be well thought before performing the FMEA.

Operation: Model: Core Team:	PathStone Group			PSF Process Failure Modes Effect Analysis													
				Responsibility: Jen Prepared by:					-	MEA number: 123456 Page: 1 of 1 FMEA Date (Onig): 23-Mar-21							
Process Function	Potential Failure Mode	Potential Effect(s) of Failure	s e v	C I Potential Cause(s)/ Mechanism(s) of Failure	0000		D e t e c	R	Recommended Action(s)	Responsibility and Target Completion Date	Action Resu Actions Taken	s	0	•			
Filing out batch record	Missing records/ information or information on the record is not correct	Delay or stop the products from being released.	6	The person who fill out the record is not trained properly.	7	GA reviews the BR and circled back to production feam for correction	6	252									
Storage space for milled product								0	Further information required	Bal (Eng)			I				
Milling capacity								0	Further information required	Bal (Eng)							
Blending		Non usable batch, potential disposal of large quantity of product	,	Misscommunication and/or no form instructions to operator, no start-up procedure		none	8	576	Process Control Sheet, Line clearance, Recipe SS Blending room layout	Edgor Sono Cedric & Jen Adam (Prod) Eng							
Blending	Added the wrong strain quantity into the blend	Non usable batch, potential disposal of large quantity of product	9	Not tracking/documenting during blending process,	8	none	7	648	Process Control Sheet, "automate" calculations (recipe) Line cleanace SS Blending room layout	Edgar Sana Cedric & Jen Adam (Prod) Ena							



