



**SECTION INTRODUCTION**

**STAGE 01: IDENTIFYING  
THE FAILURE MODE &  
SPECIFYING ITS  
SEVERITY**

# FAILURE MODE & EFFECT ANALYSIS (FMEA)

WHAT IS FMEA?	STAGE 01: IDENTIFYING THE FAILURE MODE AND SPECIFYING ITS SEVERITY	STAGE 02: SPECIFYING THE OCCURRENCE OF FAILURE	STAGE 03: SPECIFYING THE DETECTABILITY OF FAILURE
SECTION INTRODUCTION	SECTION INTRODUCTION	SECTION INTRODUCTION	SECTION INTRODUCTION
WHAT IS A FAILURE MODE & EFFECT ANALYSIS?	WHAT ARE THE 6 DIFFERENT STAGES OF FMEA?	WHAT ARE THE POTENTIAL CAUSES?	WHAT ARE THE CURRENT PROCESS CONTROLS?
WHY AND WHEN TO USE FMEA?	PROCESS FMEA: TOP SECTION	WHAT IS THE OCCURRENCE RATING?	WHAT IS THE DETECTABILITY RATING?
THE HISTORY OF FMEA	WHAT ARE THE COMPONENTS OF STAGE 01? P1	ACTIVITY: STAGE 02	ACTIVITY: STAGE 03
WHAT ARE THE TYPES OF FMEA?	WHAT ARE THE COMPONENTS OF STAGE 01? P2	ACTIVITY SOLUTION: STAGE 02	ACTIVITY SOLUTION: STAGE 03
WHAT IS A PROCESS FMEA?	WHAT ARE THE COMPONENTS OF STAGE 01? P3	SECTION CONCLUSION	SECTION CONCLUSION
ACTIVITY: WHAT IS FMEA?	ACTIVITY: STAGE 01		
ACTIVITY SOLUTION: WHAT IS FMEA?	ACTIVITY SOLUTION: STAGE 01		
SECTION CONCLUSION	SECTION CONCLUSION		
STAGE 04 AND 05: QUANTIFYING RISK AND CORRECTING HIGH RISK SITUATIONS	STAGE 06: REEVALUATING THE RISK AND VISUALIZING YOUR FMEA	WHAT ARE THE STEPS TO CONSTRUCT AN FMEA?	WHAT ARE THE BENEFITS AND SHORTCOMINGS OF FMEA?
SECTION INTRODUCTION	SECTION INTRODUCTION	SECTION INTRODUCTION	SECTION INTRODUCTION
WHAT IS RPN?	CALCULATING THE RESULTING RPN	WHAT ARE THE STEPS TO CONSTRUCT FMEA? P1	WHAT ARE THE BENEFITS OF FMEA?
WHAT ARE ACTIONS RECOMMENDED?	CREATING A SPIDER CHART	WHAT ARE THE STEPS TO CONSTRUCT FMEA? P2	WHAT ARE THE SHORTCOMINGS OF FMEA?
WHAT IS RESPONSIBILITY, TARGET COMPLETION DATES AND ACTIONS TAKEN?	SECTION CONCLUSION		
SECTION CONCLUSION			

	Section
	Lecture
	Activity

**IN THIS SECTION, YOU WILL LEARN:**

**WHAT ARE THE 6 STAGES OF FMEA?**

**PROCESS FMEA: TOP SECTION**

**WHAT ARE THE COMPONENTS OF STAGE 01?**

**ACTIVITY & ACTIVITY SOLUTION**

## NEXT LECTURE

# WHAT ARE THE 6 STAGES OF FMEA?