

PROCESS FLOW DIAGRAMS

eLearning courses designed to increase productivity and profits



Learning made Simple, Visual, and Interactive

The Process Flow Diagrams course is designed to provide learners with an understanding on how to create process flow diagrams to ensure business continuity in any organization.

Credit Hours 1.5

Learning Objectives

- 💡 Define a process flow diagram.
- 💡 Understand the methodology used for the creation of a process flow diagram.
- 💡 Understand the steps to develop a preliminary flowchart.
- 💡 Recognize the elements of a process flow diagram template.
- 💡 Identify the steps to record the various operations of a manufacturing process in the process flow diagram template.
- 💡 Understand real world industrial scenarios to develop a process flow diagram.

Table of Contents

I. PFD Methodology

- Team Formation
- PFD Template
- Preliminary Flowchart
- PFD Creation
 - Raw Material Inspection
 - Operation
 - Final Inspection
 - Shipping
- PFD Maintenance

II. Case Study

- Preliminary Flowchart
- PFD Creation

Process Flow Diagram						
Customer Name	Medina Manufacturing	Document Number	PFD12345	Approver's Name		
Part Name	Bracket	Revision Number	0	Adam Smith		
Part Number	K987654	Date of Revision	25th April 2020	Approver's Signature		
Page Number	01/05					
Operation Number	Operation Description	Product Characteristics	Process Characteristics	Special Characteristics	Process Flow	Tooling
100	Pre-dispatch audit and move to warehouse if conforming	1. Tray as per customer specification 2. No missing operation 3. No excess oil dripping from the bracket				

