

P1PCF1 – Continuous Flow and Pull



Continuous Flow or popularly known as **one-piece flow** is a tool that will help a manufacturer achieve true just-in-time manufacturing. That is, the right parts can be made in the right quantity at the right time. In the simplest of terms, one-piece flow means that parts are moved through operations from step-to-step with no WIP in between either one piece at a time or a small batch at a time. This system works best in combination with a cellular layout in which all necessary equipment is located within a usually U-shaped cell in the sequence in which it is used.

A **Pull System** commonly referred to as **Kanban**, or “Pull” production is designed to control what an organization produces based on the customer's delivery requirements. Product is “pulled” through the organization based upon these requirements using various visual signals such as “Kanban Cards, an empty rack or container, a vacant floor space, etc. A complete “Pull System” uses the external customer's requirements to drive every material activity in the organization, including the purchasing of materials from the supply base. The goal of a “Pull System” is to meet the customer's requirements while minimizing the cost to the organization.

Benefits –

- Reduced lead times
- Improved quality
- Reduced inventory, both WIP and Finished Goods
- Reduced material handling
- Reduced operator movement
- Reduction in storage space
- Improved communication with the next process

This workshop introduces you to the fundamentals of **Just-in-Time** using the concepts of Flow and Pull and ways to implement these practices in your workplace.

The workshop is suitable for Operators, Team Leaders, Supervisors, engineers and Managers from manufacturing operations.

This workshop can be linked to the following unit standards depending on the scope of the workplace projects undertaken:

- 21505 (Level 2, Credits 5)** - Apply Just in Time (JIT) procedures in a CM organisation
- 21333 (Level 3, Credits 4)** – Demonstrate basic knowledge of workflow management
- 21520 (Level 4, Credits 5)** - Facilitate a Just in Time (JIT) system in a CM organisation
- 21534 (Level 5, Credits 10)** - Develop a Just In Time (JIT) system in a CM organisation
- 21795 (Level 6, Credits 10)** - Develop a levelled pull system for manufacturing

To be awarded these unit standards, evidence must be provided from the work place.

Contact Productivity Institute to book your workshop(s) or for further information

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