

Lean Process Flow | Interactive eLearning

Introduction to Lean Processes - WXML204-XX01XEN-E1

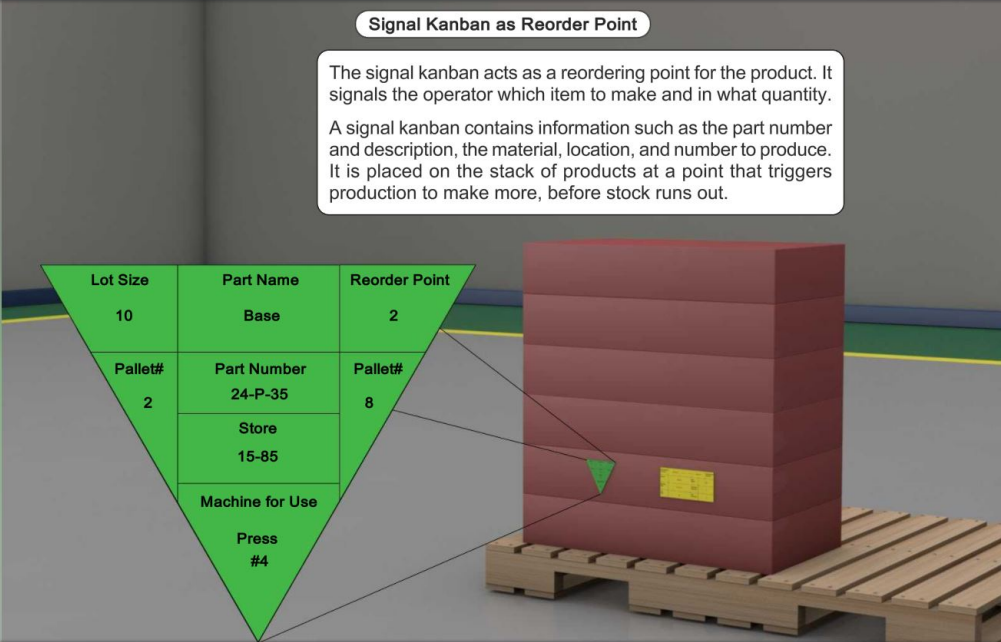
Objective 14: Describe the Types of Production Kanban Cards

Signal Kanban as Reorder Point

The signal kanban acts as a reordering point for the product. It signals the operator which item to make and in what quantity.

A signal kanban contains information such as the part number and description, the material, location, and number to produce. It is placed on the stack of products at a point that triggers production to make more, before stock runs out.

Lot Size	Part Name	Reorder Point
10	Base	2
Pallet#	Part Number	Pallet#
2	24-P-35	8
	Store	
	15-85	
	Machine for Use	
	Press	
	#4	



AMATROL

Page 70 of 170

eLearning Course: MXML204

Amatrol's Lean Manufacturing Process Flow online training course (MXML204) covers Lean Production, Little's Law, maximizing resources and reducing wasteful activities, Kanban System types and operation, the purpose of inventory in a Kanban System, Lean Production scheduling, flow production, and cellular manufacturing.

Teach Lean Manufacturing Skills

Essential Knowledge Connected to Real-World Skills

Amatrol's eLearning curriculum is unique in that it thoughtfully combines in-depth theoretical knowledge with practical, hands-on skills. This powerful combination of knowledge and skills solidifies understanding and creates a strong foundation for pursuing more advanced skills.

For example, the Lean Process Flow eLearning course covers important topics, such as:

Lean Production and Little's Law

This segment covers an array of foundational Lean Manufacturing concepts and their importance. Subjects include: Lean Production (Just-In-Time), Lead Time, Throughput, Process Cycle Time, Work-In-Process Inventory, and Little's Law.

Maximizing Resources and Reducing Wasteful Activities

This segment deals with push and pull production systems, types of manufacturing operations, takt time, production capacity, and elements of a Lean Production System.

Types of Kanban Systems and Their Operation

This segment discusses the functions and types of a Kanban System, Transport Kanban Cards, and Production Kanban Cards. Students will then study the operation of Kanban Systems with production ordering and signal cards.

Purpose of Inventory in a Kanban System

This segment covers replenishment interval; uses of cycle stocks, safety stocks, and buffer stocks in a Lean System; determining the number of required Kanbans; supermarket operation in a Lean System; point-of-use storage methods; and Kanban system operation rules.

Lean Production Scheduling

This segment deals with Lean Production scheduling methods, Heijunka, calculating pitch, pack-out quantity, and creating and using production sequence tables and Heijunka boxes.

Flow Production and Cellular Manufacturing

This segment covers flow production, line balancing, analyzing operator balance charts, cellular manufacturing, and how to balance production.

Highly-Interactive Multimedia

Highly-Interactive Multimedia Format Appeals to All Learning Styles

Amatrol's [eLearning curriculum](#) features a highly-interactive multimedia format. Stunning 3D animations, videos, pictures, voiceovers of all text, and interactive quizzes and exercises bring learning to life. Amatrol's multimedia curriculum contains elements that will appeal to every learning style, keeping learners motivated and engaged.

Address

**Amatrol
2400 Centennial Blvd
Jeffersonville, IN 47130**

Contacts

**email: contact@amatrol.com
phone: (800) 264 8285**