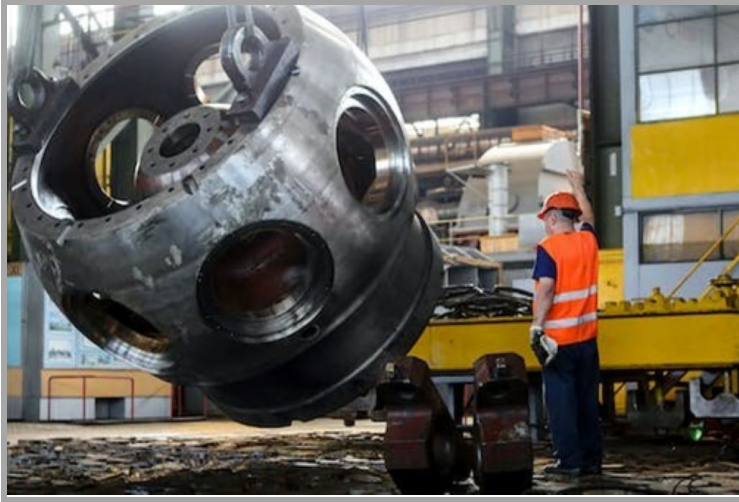


### Manufacturing Process Controlling



**Bizzco ID SP11**  
**SAQA ID SP 0850/13-17**  
**NQF Level 3**  
**Min Credits 31**  
**Duration 6 - 12 Months**  
**MERSETA Accredited**

#### ENTRY REQUIREMENTS?

**Communication and Mathematical Literacy at NQF level 2**

#### COURSE DESCRIPTION

The Lean Manufacturing Principles Learning Programme is often called Just In Time (JIT) or Agile Manufacturing. It's an operating strategy that seeks to maximize operational effectiveness by creating value in the eyes of the end user/customer. Lean Manufacturing Principles can improve operating performance by focusing on the uninterrupted flow of products and materials through the value stream.

#### WHO IS THIS COURSE FOR?

This course is aimed at Warehouse Practitioners who have responsibilities for activities in the warehouse. This course also provides an excellent grounding for other Supply Chain personnel who need to understand how the warehouse activities can affect their own role.

In the event that the learner requires SETA registration, the learner would need to be employed by a company. Please contact us for more information.

#### SUPPORTING DOCUMENTS NEEDED?

**Certified copy of ID**  
**Certified copy of highest qualification**  
**Employment letter/contract\***

*\*Only needed for SETA registration*



#### DELIVERY METHODS

Online, Facilitated or Blended

Speak to us about other methods of training delivery and corporate customization!

#### Online

Interactive self-study 2- 3 hours per day over the 12-month period.

#### Blended

5 - 20 Facilitation hours, depending on group size.

#### Facilitated

40 Facilitation hours, total of 5 days of training.

**Manufacturing Process Controlling****COURSE STRUCTURE**

<b>Module 01</b>	<b>Lessons</b>
<b>Total Quality Management (TQM)</b>  This module focuses on the quality, the tools and techniques and applying statistical control	01   Principles and Dimensions of Quality
	02   Quality at the Source
	03   Quality Inspection, Tools & Techniques
	04   Quality Cost Management, Benchmarking & Statistical Control Tools
<b>Module 02</b>	<b>Lessons</b>
<b>Purchasing and Procurement</b>  In this course, we look at an introduction to the function of purchasing.	01   Functions of Purchasing and Procurement
	02   Supplier Sourcing and Partnerships
	03   Purchase Contract and Negotiation Process
	04   Ethics as a Foundation for Business Practice
<b>Module 03</b>	<b>Lessons</b>
<b>Just in Time (JIT) and Lean Manufacturing Principles</b>  Lean and JIT is a philosophy of continuous improvement and elimination of waste.	01   Waste and Waste Elimination
	02   Jit and Lean Manufacturing
	03   Principles of Flow Shop Operations
	04   Theory of Constraints and Continuous Improvement
<b>Module 04</b>	<b>Lessons</b>
<b>Capacity Requirements Planning (CRP)</b>  Capacity decisions affect the production lead time, customer responsiveness, operating cost and the company's ability to compete.	01   Understanding Capacity Requirements Planning
	02   Capacity Measurements and Leveling the Load
	03   Production Activity Control
	04   Measuring Production Performance
<b>Module 05</b>	<b>Lessons</b>
<b>Material Requirements Planning (MRP)</b>  In this course we look at why having the right material at the right time to meet the	01   Understanding Demand
	02   Sales & Operations Planning
	03   Production Scheduling Environment
	04   Material Requirements Planning

**Manufacturing Process Controlling****UNIT STANDARD INFORMATION**

Type	US ID	US Title	NQF	Credits
NA	377381	Apply Total Quality Management (TQM)	NQF Level: 04	8
NA	377380	Describe the functions of purchasing and procurement	NQF Level: 04	5
NA	377360	Discuss Just in Time (JIT) and Lean Manufacturing	NQF Level: 03	5
NA	377440	Perform capacity requirements planning (CRP)	NQF Level: 04	8
NA	377386	Perform material requirements planning (MRP)	NQF Level: 04	5

