


## Training Schedule, Registration & Enquiries

Production & Quality Control Training

Duration: 5 Days Online Training via Microsoft Teams

Training Fee: R4,500 per Delegate

 **Training Dates:** 08 – 12 June 2026

 **Session Times:** 09:00 – 15:00 | 17:00 – 20:30

### Included in the Training Fee:

- Learner Manual (PDF or Printed Copy)
- Training Presentation Slides
- Practical Templates & Examples
- Practical Exercises & Case Studies
- QIRCS Competency Certificate

### Certification Requirements:

- Full attendance for all 5 training days
- Participation in practical exercises and activities
- Minimum pass mark of 70% in the final assessment

### Booking & Enquiries

 Email: [info@qircs.co.za](mailto:info@qircs.co.za)

 Contact Numbers: 087 265 7534 | 081 454 3481

 Website: [www.qircs.co.za](http://www.qircs.co.za)

**Payment Terms:** Full upfront payment is required prior to commencement of training.

## Training Overview

### Day 1 – Introduction to Production & Quality Fundamentals

Delegates will be introduced to the fundamentals of production and quality management, including production systems, customer requirements, defects, non-conformances, rejects, rework, containment, and quality alerts. The session focuses on understanding how production performance directly impacts product quality and customer satisfaction.

#### Key Topics:

- Production Processes
- Quality Fundamentals
- Cost of Poor Quality (COPQ)
- Defects & Non-Conformances
- Root Cause Awareness
- Quality Terminology

### Day 2 – Production Processes & Process Control

This module focuses on understanding process flow, process risks, and process control methods used within manufacturing environments. Delegates will also learn Lean Manufacturing principles and waste reduction techniques.

#### Key Topics:

- SIPOC Process Mapping
- Standard Operating Procedures (SOPs)
- Work Instructions
- Process Variation
- Lean Manufacturing
- TIMWOOD – The 7 Wastes

### Day 3 – Quality Control Tools & Techniques

Delegates will learn how to apply practical quality control tools used to monitor and improve process performance and product quality.

#### Key Topics:

- The 7 Basic Quality Tools
- Check Sheets
- Pareto Charts
- Fishbone Diagrams

- Histograms & Flowcharts
- Incoming, In-Process & Final Inspection

#### **Day 4 – Root Cause Analysis & Problem Solving**

This session equips delegates with structured problem-solving techniques used to identify root causes and implement corrective actions to reduce recurring defects and production issues.

##### **Key Topics:**

- 5 Whys Analysis
- Fishbone Analysis
- Corrective & Preventive Actions (CAPA)
- Problem Solving Techniques
- Reject Reduction Strategies

#### **Day 5 – Quality Systems, Safety & Final Assessment**

The final module introduces quality systems, documentation, reporting requirements, and basic production safety principles.

##### **Key Topics:**


- Introduction to ISO 9001 Principles
- Inspection Reporting
- Non-Conformance Reports (NCRs)
- Quality Documentation
- Production Safety Awareness
- Final Practical & Written Assessment

#### **Training Approach**

QIRCS focuses on practical, industry-relevant learning using real workplace examples from manufacturing, production, quality, and engineering environments. The programme is designed to provide delegates with practical knowledge and tools that can be directly applied within their workplaces to improve operational and quality performance.

#### **For Booking & Enquiries**

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