



## Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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### COURSE BROCHURE

# Raw Material Weighing For Chemical Manufacturing Training

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 110007 · NQF Level 2 · 4 Credits · 1 Day

## COURSE OVERVIEW

This course equips learners with the knowledge and skills required to accurately weigh raw materials for chemical manufacturing processes. It covers the identification of raw materials, correct use of weighing equipment, and adherence to safety and quality procedures. Successful completion ensures compliance with industry standards and reduces waste and errors in production.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	110007
Accreditation	SAQA Accredited · NQF Level 2 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

## LEARNING OUTCOMES

- Apply correct procedures for selecting and identifying raw materials according to specifications and batch records.
- Demonstrate accurate weighing techniques using various types of scales and balances, including calibration checks.
- Implement safety protocols for handling hazardous materials and maintaining a clean work environment.
- Analyze weighing records to verify accuracy and identify discrepancies for corrective action.
- Evaluate the impact of incorrect weighing on product quality and manufacturing efficiency.
- Design a systematic approach to raw material weighing that minimizes contamination and cross-mixing.

## WHO SHOULD ATTEND

- This course is designed for production operators, laboratory technicians, and quality control personnel involved in chemical manufacturing who are responsible for weighing and handling raw materials.

## COURSE OUTLINE

### Day 1: Raw Material Weighing Fundamentals and Safety

- Introduction to raw material weighing in chemical manufacturing.
- Types of weighing equipment: scales, balances, load cells.
- Calibration and verification of weighing devices.
- Safety protocols: PPE, chemical handling, spill response.
- Standard operating procedures for weighing.
- Recording weights: batch sheets, logs, and digital systems.
- Common errors in weighing and how to avoid them.
- Quality control: tolerance limits and rework procedures.

## ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **4 NQF credits** at **NQF Level 2**.

## PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

## UPCOMING SESSIONS

Start	End	Method	Venue
02 Jul 2026	02 Jul 2026	On-Campus	Luanda, Angola
03 Jul 2026	03 Jul 2026	On-Campus	Mbabane, Eswatini
06 Jul 2026	06 Jul 2026	On-Campus	Luanda, Angola
07 Jul 2026	07 Jul 2026	On-Campus	Kampala, Uganda
07 Jul 2026	07 Jul 2026	On-Campus	Mbabane, Eswatini
08 Jul 2026	08 Jul 2026	On-Campus	Kigali, Rwanda
09 Jul 2026	09 Jul 2026	On-Campus	Mombasa, Kenya
10 Jul 2026	10 Jul 2026	On-Campus	Kinshasa, DRC

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

## HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit [www.aaticd.co.za](http://www.aaticd.co.za), open the page for this course (Unit Standard 110007) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to [apply@aaticd.co.za](mailto:apply@aaticd.co.za) – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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