



Accredited Africa Training Institute for Capacity Development

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

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Pneumatic Conveying System Material Transfer Operations Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110391 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely and efficiently operate pneumatic conveying systems for material transfer in industrial settings. Learners will understand system components, operational principles, and maintenance procedures to ensure optimal performance and compliance with safety standards.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110391
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

- Demonstrate the ability to identify and describe the components and functions of a pneumatic conveying system.
- Apply correct start-up, operation, and shutdown procedures for pneumatic conveying systems.
- Analyze system performance and troubleshoot common operational issues.
- Evaluate safety hazards and implement appropriate control measures during material transfer operations.
- Perform routine maintenance tasks and inspections to ensure system reliability.
- Comply with relevant health, safety, and environmental regulations and company policies.

WHO SHOULD ATTEND

- Designed for operators, technicians, and supervisors involved in material handling and conveying operations in industries such as mining, agriculture, and manufacturing.

COURSE OUTLINE

Day 1: Pneumatic Conveying System Fundamentals and Operation

- Introduction to pneumatic conveying: dilute phase vs dense phase.
- System components: blowers, rotary valves, filters, pipelines, and controls.
- Material properties affecting conveying: particle size, moisture, abrasiveness.
- Safety: lock-out/tag-out, pressure hazards, dust explosions, PPE.
- Pre-start checks: visual inspection, pressure tests, alarm testing.
- Start-up, operation, and shutdown procedures.
- Monitoring: pressure drops, flow rates, blockage detection.
- Basic troubleshooting: clearing blockages, adjusting air velocity.

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
04 Aug 2026	04 Aug 2026	On-Campus	Mauritius
05 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
07 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	10 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Mauritius
11 Aug 2026	11 Aug 2026	On-Campus	Cape Town, South Africa

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, open the page for this course (Unit Standard 110391) 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 – 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.

Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za