



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

Merrill Filter Bag Replacement Procedures Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110454 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to safely and effectively replace filter bags in Merrill baghouse dust collectors, ensuring compliance with workplace safety standards and minimizing environmental emissions. Participants will understand the critical role of filter bag integrity in industrial air quality control and learn to perform replacements without compromising equipment performance.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110454
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

- Identify the components and function of a Merrill baghouse dust collector and explain the importance of filter bag integrity.
- Apply lockout/tagout procedures and use appropriate personal protective equipment (PPE) before commencing filter bag replacement.
- Demonstrate step-by-step procedures for removing worn or damaged filter bags and installing new ones according to manufacturer specifications.
- Inspect and assess filter bag condition, sealing components, and support structures for wear or damage during replacement.
- Evaluate the effectiveness of the replacement by conducting post-installation checks and documenting the maintenance activity.
- Implement proper disposal methods for spent filter bags in line with environmental regulations and company policies.

WHO SHOULD ATTEND

- This training is designed for maintenance technicians, millwrights, and plant operators responsible for the upkeep of dust collection systems in manufacturing, mining, or processing environments.

COURSE OUTLINE

Day 1: Merrill Filter Bag Replacement Procedures

- Introduction to Merrill filtration systems and filter bag types
- Safety protocols, lockout/tagout, and PPE requirements
- Tools and materials needed for replacement
- Step-by-step replacement procedure: isolation, removal, installation, and leak check
- Post-replacement inspection and startup procedures
- Documentation and reporting requirements
- Common faults and troubleshooting
- Waste disposal and environmental considerations

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
05 Aug 2026	05 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Lagos, Nigeria
06 Aug 2026	06 Aug 2026	On-Campus	Johannesburg, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Mauritius
10 Aug 2026	10 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	13 Aug 2026	On-Campus	Mauritius

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 110454) 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.

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