



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

Lubrication Principles and Practices

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 243769 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course provides learners with the fundamental principles and practices of lubrication in an industrial context. It covers the types, properties, and selection of lubricants, as well as correct application techniques to ensure equipment reliability and safety. The course aims to equip learners with the knowledge to perform lubrication tasks effectively in compliance with occupational health and safety regulations.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	243769
Accreditation	SAQA Accredited · NQF Level 2 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify different types of lubricants and their properties for various applications.
- Apply correct lubrication techniques to reduce friction and wear in mechanical systems.
- Demonstrate safe handling and storage practices for lubricants according to OHS standards.
- Analyze lubrication schedules and records to ensure timely and proper maintenance.
- Evaluate the impact of incorrect lubrication on equipment performance and safety.

WHO SHOULD ATTEND

- This course is intended for maintenance personnel, machine operators, and technicians who are responsible for lubrication tasks in industrial or manufacturing environments.
- It is also suitable for individuals seeking to enter the field of equipment maintenance.

COURSE OUTLINE

Day 1: Fundamentals of Lubrication

- Introduction to lubrication: friction, wear, and lubrication regimes
- Types of lubricants: oils, greases, and solid lubricants
- Lubricant properties: viscosity, additives, and base oils
- Lubrication methods: manual, automatic, and centralized systems
- Lubricant selection criteria: application, environment, and equipment
- Lubrication safety: storage, handling, and disposal
- Lubrication schedules: planning, execution, and documentation

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 **2 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 243769) 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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