



Construction

Accredited-Short Course



**Lattice Boom Mobile Truck
Crane C39 Operators**

211021



BOOK NOW



2 Day Course



Classroom & Online Training



Certificate of Attendance

ABOUT THIS COURSE

This Skills Programme prepares learners to operate as Lattice Boom Mobile Truck Crane C39 Operators by developing the knowledge and practical skills required to safely inspect, set up, operate and shut down a lattice boom mobile truck crane.

Learners will gain an understanding of crane safety, health and environmental legislation, equipment inspection, rigging and slinging, communication principles, crane operations, lifting techniques, mobilisation and demobilisation procedures, and legal compliance for operating lifting machinery.

The programme combines theoretical learning with practical workplace training to ensure learners can safely lift, move and position loads using a Lattice Boom Mobile Truck Crane C39 in accordance with the National Code of Practice (NCoP) and Department of Employment and Labour requirements. Successful learners will be prepared for licensing and employment across various industries, including construction, mining, transport, manufacturing and engineering



Target Audience

- Gas Practitioners
- Gas Installers
- System Installers
- Gas System Installers
- Medical Gas System
- Oxidant Gas System
- Speciality Gas System
- Gas Technicians
- Maintenance Technicians

PRICE

ONLINE TRAINING : Request a Quote

CLASSROOM: Request a Quote

(Includes snacks and beverages – only applicable to classroom bookings)

DAY ONE

OVERVIEW

SMART ZONE

Safety, Health, Environmental, Risk and Quality (SHERQ)

- Learners are introduced to SHERQ principles applicable to lifting operations, ensuring compliance with workplace safety, environmental protection and quality standards.

Occupational Health and Safety Legislation

- Develop an understanding of South African health and safety legislation, legal responsibilities and safe operating practices for lifting machinery.

Equipment, Materials and Maintenance

- Learn about crane components, inspection procedures, preventative maintenance and the safe handling of equipment and materials.

Lifting Machine Components

- Identify and understand the purpose and function of the major components of a Lattice Boom Mobile Crawler Crane.

Rigging and Slings Principles

- Gain knowledge of safe rigging methods, sling selection, lifting accessories and correct load attachment procedures.

Freight Handling Techniques

- Learn correct methods for handling, positioning and transporting loads safely and efficiently.

DAY TWO

OVERVIEW

SMART ZONE

Conducting Pre-start and Operational Checks

- Learners perform work area inspections, identify hazards, inspect crane components, complete pre-start inspections and conduct operational checks according to manufacturer specifications.

Conducting Set-up Checks

- Learners prepare the crane for operation by assessing ground conditions, identifying obstructions, stabilising the crane, positioning outriggers and completing risk assessments before lifting operations.

Planning and Preparing for Lifting

- Learners establish load dimensions, determine load weight and centre of gravity, select appropriate lifting tackle, perform rigging and slinging activities, interpret load charts and establish safe lifting routes.

Preparing the Crane for Legal Travel

- Learners complete travel documentation, configure the crane for road travel, verify permits, assess legal compliance and ensure correct travel configuration according to Road Traffic regulations.

Operating the Lattice Boom Mobile Truck Crane C37

- Learners safely hoist, slew, move and position loads, maintain load stability, interpret hand signals, communicate with signal personnel, operate crane controls and follow safe lifting procedures.

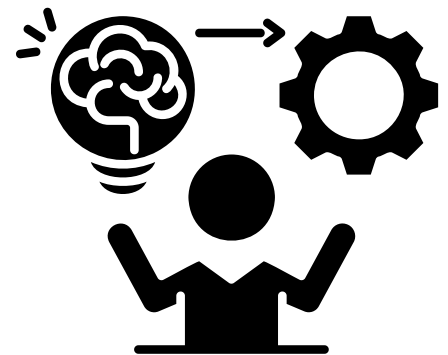
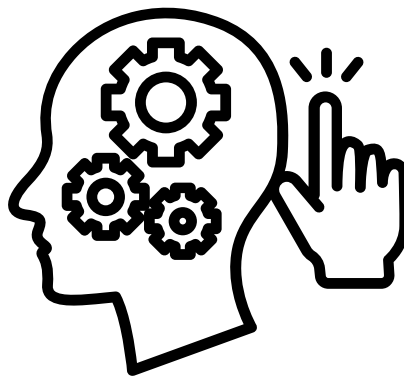
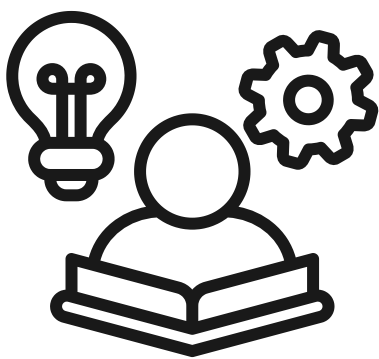
Parking, Refuelling and Shutdown

- Learners safely remove loads, secure lifting equipment, park the crane correctly, apply shutdown procedures, secure all controls, perform safe refuelling procedures and store the crane according to workplace requirements.

FEATURES OF THIS COURSE

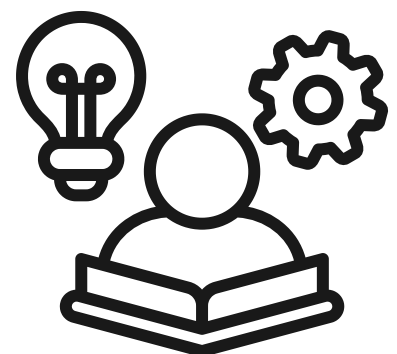
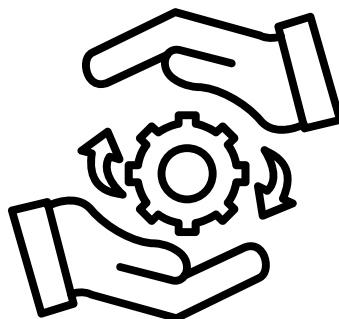
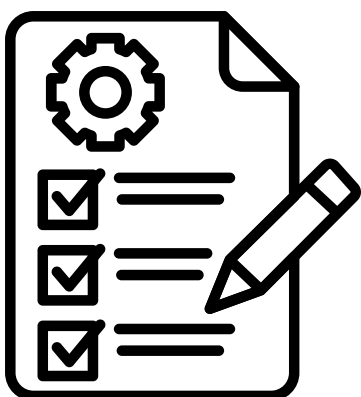
SMART ZONE

- QCTO-aligned occupational curriculum
- Combines theory, practical skills and workplace experience
- Industry-relevant commercial natural gas installation skills
- Focus on safe, legal and code-compliant gas systems
- Covers system design, installation, commissioning, maintenance and compliance
- Supports workplace readiness in commercial gas environments



BENEFITS OF THIS SHORT COURSE

- Gain practical chemical plant control knowledge and skills
- Understand process control systems, plant variables, and production schedules
- Improve ability to monitor plant operations and respond to deviations
- Learn how to apply quality control and meet product specifications
- Develop confidence in reporting, record keeping, and shift handover
- Enhance career opportunities in chemical, manufacturing, and process plant environments





SIGN UP NOW

SIGN UP NOW AND SECURE YOUR PLACE

1. Register Online- www.zoneups.com
2. Select the training you prefer and the date you would like to attend.
3. Fill in the registration form.
4. Choose your payment method and finalize the booking.

Request a Quotation

Accreditation



*South African
Institute Of
Occupational Safety
And Health*



Services SETA



Fasset

Make the future count



ETDP-SETA



QCTO