

Operate counterbalanced lift trucks

UNIT STANDARD NUMBER: 242974 and 260818

NCOP CODE: F01 to F04

UNIT STANDARD LEVEL (NQF): 03 (7 credits) and 03 (9 credits)

Duration

Full Training (Novice): 5 Days

Recertification Training/Evaluation: 1 Day

Upgrade to a higher Rated Capacity: 1 Day

Course outline

Mechanical appreciation

We discuss operator maintenance areas, traction battery, electric CBLT power train, gauges, the fuse holder and fuses, wheels, differential, inching equipment, braking system, mast and forks, hydraulic system, steering, wire guidance system, diagnosing faults and driving the CBLT correctly.

Refuelling

We take learners through safety procedures, battery pack, the traction battery, servicing a battery, replacing the battery pack, positioning the CBLT, preparation for removing the battery, lifting the battery, testing a recharged battery, placing a recharged battery and filling in fuel usage logs.

Pre-operating inspections

We look at pre-operating inspections, components, inspection areas and CBLT checklist.

Start-up checks and inspections

Start-up checks and inspections, in-cab checks and inspections, setting the driving position, pre-start check of the controls, starting the CBLT, checking lifting controls and functionality, check ancillary equipment and controls, driving controls, in-cab checks and inspections.

Safety

We discuss pre-operating safety, start-up precautions, shutdown safety precautions, driving safety, relationship between load and stability of a CBLT, load chart rating, the principle of leverage, position of the load, principle of leverage, hazardous cargo safety, container loading safety, refuelling safety, driving on public roads, emergency services, general housekeeping, safety legislation and use of Personal Protection Equipment (PPE).

Operator controls and manoeuvring

We talk about manoeuvring/clearance, towing, using the horn, observation, manoeuvring through a practice course without a load, manoeuvring through a practice course with a load and hand signals.

Loading and off-loading and stacking

We outline storage areas, store layouts, stacking methods, pallets, handling pallets, handling interlocking cage pallets, bin pallets, block steel and sheet steel, bar steel, pipes, channel/angle iron and hazardous material stacking.

Handling cargo

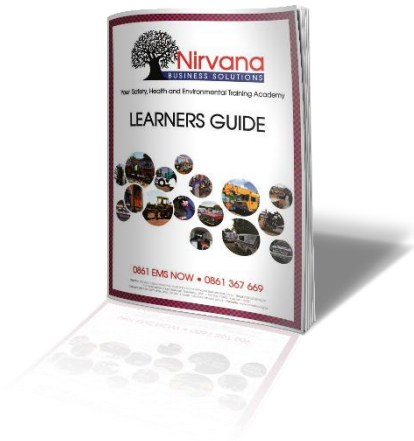
We show learners best practice concerning handling cargo with pictorial markers, lifting and transporting, hazardous cargo, safety signs, drum attachments, clamping a paper roll and other attachments.

Each learner will receive

- A learner workbook including progress quizzes
- Logbook and checklist example templates
- A portfolio of evidence of practical and theoretical evaluations

Assessment methods

We conduct a formative theoretical assessment at the beginning of the course to gauge the learner's initial understanding (novices only). At the end of the training, a summative theoretical, as well as a practical application assessment is conducted, and the learner is found competent, and if not, additional developmental areas are identified and suggested.



This counterbalanced lift truck course is designed for both novice and experienced operators. Learners who meet the specific outcomes and assessment criteria will be permitted to operate a forklift, up to a stipulated rated capacity:

Code F01: Up to a rated capacity of 3 Tons

Code F02: Up to a rated capacity of 7 Tons

Code F03: Up to a rated capacity of 15 Tons

Code F04: Over a rated capacity of 15 Tons

This multimedia training programme includes:



Detailed subject notes and illustrations



Progress quizzes keep learning on track



An overhead slide presentation providing supplementary information



Videos illustrate best practices, case studies and operational examples