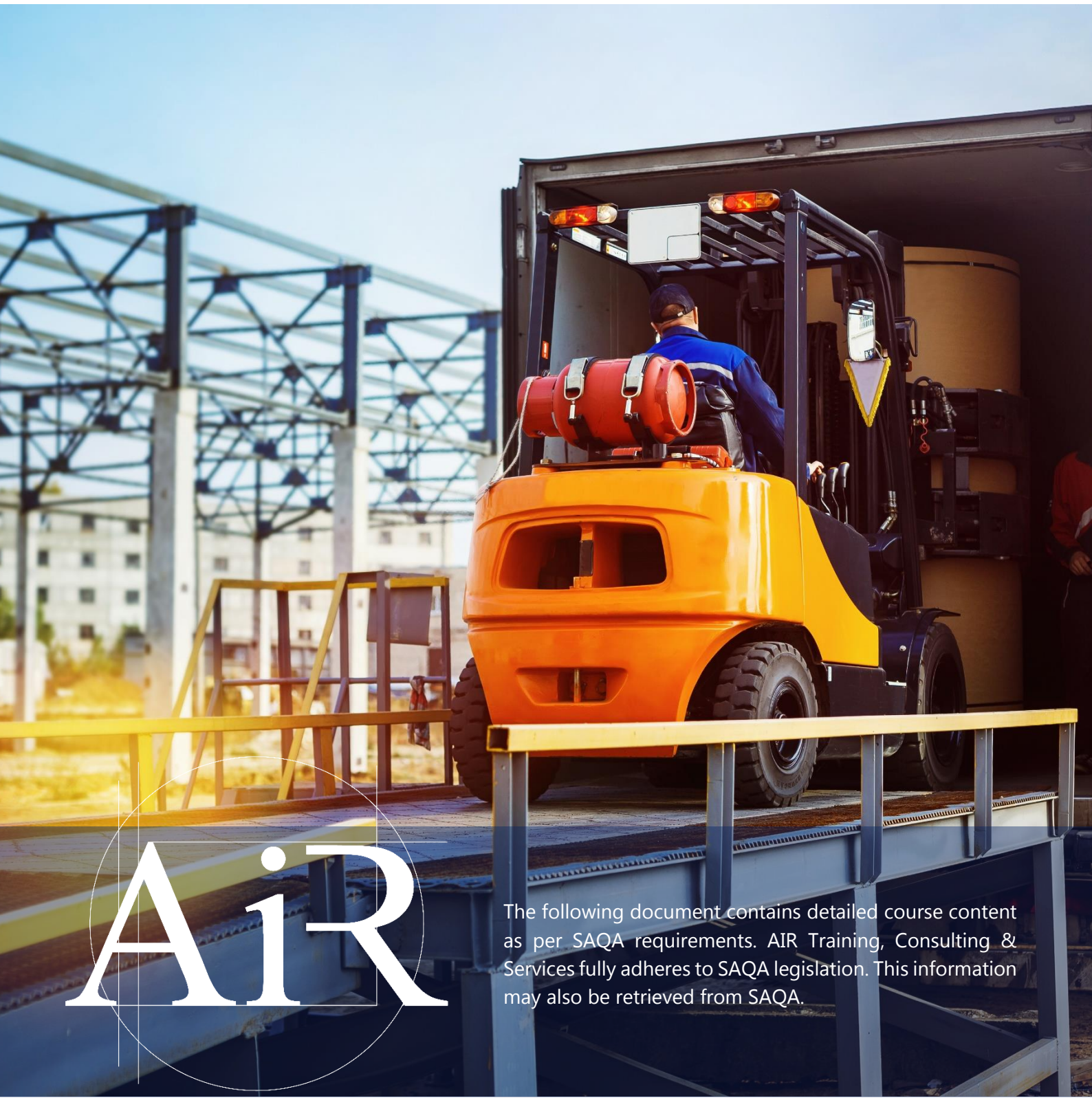


Operate counter-balanced lift trucks

Detailed course content as per SAQA requirements



AiR

The following document contains detailed course content as per SAQA requirements. AIR Training, Consulting & Services fully adheres to SAQA legislation. This information may also be retrieved from SAQA.

Operate counter-balanced lift trucks

Unit Standard Number: 242974

NQF Level: 03

Credits: 7

Novices and Renewals

PURPOSE OF THE UNIT STANDARD:

The person credited with this Unit Standard can operate a counter-balanced lift truck in a safe manner. They will also be able to conduct pre-inspections and post-inspections to ensure the performance of the lift truck. The person will be able to handle the loading and storage of freights by using the equipment and its accessories in the required manner. They will also be able to access emergency systems and services in the event of an incident or accident.

Lift Truck shall include:

- F1: Counterbalanced lift truck up to rated capacity of 3000 kg.
- F2: Counterbalanced lift truck up to rated capacity of 7000 kg.
- F3: Counterbalanced lift truck up to rated capacity of 15000 kg.
- F4: Counterbalanced lift truck above a rated capacity of 15000 kg.

Attachments and special equipment shall include:

- A: Side Shift.
- B: Single Pole.
- C: Carton or Paper Roll Clamp.
- D: Crane Hook.
- E: Push Pull/ Slip Sheet Equipment.
- F: Load Rotator.
- H: Load Extender Pantograph.
- J: Tilting Bucket.
- K: Tandem Forks.
- L: Container Vanning and Devanning.
- M: Container Handling.
- N: Forks.
- O: Cradle (Safety Cage).

* These Codes and Attachments correspond with the National Code of Practice.

SPECIFIC OUTCOMES AND ASSESSMENT CRITERIA:

SPECIFIC OUTCOME 1

Apply the recognised methods for inspecting and recording the operational fitness of all components of the lift truck with reference to safety procedure in the workplace:

- Methods for inspecting the operational fitness of all components on the lift truck are described with examples.
- Pre-inspections and post-inspections are conducted using the operations check-sheet.
- Basic faults and defects on the mechanical function of the lift truck are identified and recorded in the required format.

SPECIFIC OUTCOME 2

Identify and classify freights/ loads considering documentation, packaging and labelling associated with the specific freight:

- Freight/ load types are identified and explained with examples.
- Freight/ load documentation, packing and labelling requirements are described with examples.
- Common freight codes, from a handling perspective, are identified and explained with examples.
- Freight/ loads are classified in accordance with organisational classification standards and procedures.

SPECIFIC OUTCOME 3

Handle, load and store freight in accordance with industry standards, environmental requirements, and with due consideration to inter alia the commodities and their properties, storage area and placement of load:

- The reasons for selecting specific handling methods and attachments for commodities/ freights are explained with examples.
- The reasons for selecting a particular piece of lifting equipment for a particular type of freight is explained with examples.
- The specific selection of storage facilities for different freight types is explained with examples.
- Freight/ load is handled, loaded and stored in accordance with organisational standards and procedures.

SPECIFIC OUTCOME 4

Achieve maximum work performance of lifting equipment and attachments, by applying knowledge of equipment dimensions, controls, principles of operation and capacities, manufacturing specifications and circumstances in the working environment:

- The operating functions of the particular lift truck relevant for the job environment, environmental conditions and freight types are identified and explained with examples.
- Lifting equipment is evaluated and repair or replacement of parts is reported in required format and arranged in the required time frame.
- The importance of applying a basic mechanical appreciation of the lifting equipment, operating of the lifting equipment and its attachments are explained with examples of the consequences of not doing so.

SPECIFIC OUTCOME 5

Operate equipment in accordance with laid down organisational and legislative standards and procedures as well as manufacturer's guidelines:

- The operating functions of the lift truck relevant for the work environment, different environmental conditions and freight types are explained with examples.
- The effect of the environment and equipment constraints on safe operating procedures and practices are explained with examples.
- Operating equipment is used in accordance with operation instructions, loading guidelines and legislative standards and procedures.
- Corrective actions required to prevent dangerous situations from arising are explained with examples.

SPECIFIC OUTCOME 6

Access available emergency support systems and services in case of incidents and accidents:

- Support systems and emergency services are sourced in cases of incidents and accidents according to organisational procedures.
- The most appropriate course of action is explained in relation to safe working practices and procedures.
- The most appropriate course of action to avoid a potential hazard is explained in relation to safe working practices in the working environment.