



# REFRIGERATION

NQF 4

641 Credits

SAQA ID 103277

The purpose of this programme is to give you the opportunity to be a part of the future by following the mandate set by the Qualifications Council for Trades and Occupations.

**The Occupational Qualification - Refrigeration is an apprenticeship programme that runs over three years and you will during your training learn to:**

- Install air conditioning refrigeration and ventilation systems
- Commission air conditioning refrigeration and ventilation systems
- Maintain, service, troubleshoot and repair air conditioning refrigeration and ventilation systems

## YEAR 1

In year 1 you will focus on Hand skills and tools, the introduction to the Refrigeration Industry understanding thermodynamics the basic vapour compression cycle and joining and installation of refrigerant piping.

## YEAR 2

In year 2 you will focus on all components and equipment used in the Refrigeration Industry and the electrical circuitry as used in the Refrigeration Industry.

## YEAR 3

In year 3 you will focus on keys and locking devices, bearings, commissioning the cold and freezer rooms, and mechanical and electrical fault finding of the plants.

**INCLUDES TRADE TEST**

**ENTRY REQUIREMENTS**

Minimum 16 years of age

NQF 1

English, Second Language, Maths & Science, and 2 other subjects

**CONTACT US**

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