



**Australian Government**

# **UEESS00146 RAC - Design Ammonia Refrigeration Systems Skill Set**

**Release 1**

# UEESS00146 RAC - Design Ammonia Refrigeration Systems Skill Set

## Modification History

Release 1: This is the first release of this Skill Set in the UEE Electrotechnology Training Package.

This Skill Set replaces and is equivalent to UEESS00078 Refrigeration-Air Conditioning - Design Ammonia Refrigeration Systems.

## Description

This Skill Set is for persons who are required to design ammonia refrigeration system.

## Pathways Information

The units of competency in this Skill Set will contribute to the completion of relevant Diploma and Advanced Diploma qualifications from the UEE Electrotechnology Training Package.

It is essential that persons undertaking this Skill Set already hold the following unit:

- UEERA0034 Establish heat loads for commercial refrigeration and/or air conditioning applications

AND

- UEERA0042 Evaluate thermodynamic and fluid parameters of refrigeration systems

OR

- Diploma of Air Conditioning and Refrigeration Engineering

OR

- Advanced Diploma of Air Conditioning and Refrigeration Engineering

OR

- Advanced Diploma of Engineering Technology - Air Conditioning and Refrigeration

## Licensing/Regulatory Information

Not applicable.

## Skill Set Requirements

A total of **3 units** of competency must be attained.

UEERA0005	Apply safety awareness and legal requirements for ammonia refrigerant
UEERA0014	Design ammonia refrigerated systems
UEERA0016	Design commercial refrigeration systems and select components

## **Target Group**

This Skill Set is intended for persons who are required to design ammonia refrigeration system.

## **Suggested words for Statement of Attainment**

This Skill Set from the UEE Electrotechnology Training Package meets the industry requirements for designing ammonia refrigeration systems.

## **Custom Content Section**

Not applicable.