



Australian Government

UEESS00147 RAC- Design Complex Carbon Dioxide Refrigeration Systems Skill Set

Release 1

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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 UEESS00079 Refrigeration-Air Conditioning - Design Complex Carbon Dioxide Refrigeration Systems.

Description

This Skill Set is for persons who are required to design complex carbon dioxide 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.

Entry Requirements

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.

UEERA0006	Apply safety awareness and legal requirements for carbon dioxide refrigerant
UEERA0015	Design carbon dioxide refrigerated systems
UEERA0016	Design commercial refrigeration systems and select components

Target Group

This Skill Set is intended for persons who are required to design complex carbon dioxide refrigeration system.

Suggested words for Statement of Attainment

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

Custom Content Section

Not applicable.