



# Graduate information pack – stationary sector

## Licence and permit information

### Types of Licences

There are different types of licences available for different types of work. This webpage provides details on licence types, their entitlements, the required qualifications and units for each licence and how to apply.

### Your obligations under the Act

#### Fact Sheet 11 – Penalties increase for offences listed under the Ozone Act and Regulations

Penalties for offences under the Act and the Regulations have increased to up to \$66,600 for individuals and \$333,000 for corporations. This fact sheet provides the latest information on offences and their penalties.

#### Legislation & regulation

On 1 July 2005, the Australian Government implemented a licensing scheme to support regulations under the *Ozone Protection and Synthetic Greenhouse Gas Management Act 1989*, designed to reduce emissions of environmentally harmful refrigerant gases.

#### Table 135 Standards

Holders of a refrigerant handling licence must, by law, carry out work in accordance with the standards in Table 135 where they are applicable. This document provides the current standards licence holders must follow.

## Other legislation and Codes of practice

#### State regulatory requirements for refrigeration and air conditioning

All states and territories have licence schemes which overlap with refrigeration and air conditioning work. This document provides up to date information on state level regulatory and licensing requirements.

#### Fact Sheet 19 – Following the refrigerant handling Code of Practice

The Australia and New Zealand Refrigerant handling code of practice 2007 provides mandatory and best practice guidelines for ARC-licensed technicians to handle fluorocarbon refrigerant. This fact sheet explains why it's important to always follow the code of practice.

#### Refrigerant handling code of practice 2007 Part 1 – Self-contained low charge systems

Free download of the Australia and New Zealand Refrigerant handling code of practice 2007 – Part 1, which covers self-contained low charge systems.

#### Refrigerant handling code of practice 2007 Part 2 – Systems other than self-contained low charge systems

Free download of the Australia and New Zealand Refrigerant handling code of practice 2007 – Part 2, which covers systems others than self-contained low charge systems.

## **Safety and legal requirements for refrigerant replacement**

Australia is gradually phasing out hydrofluorocarbon refrigerants. This technical resource provides important information about the safety and legal requirements for refrigerant replacement.

## **Tips on staying compliant**

### **Fact Sheet 1 – What are you doing with your contaminated or unusable refrigerant?**

It is a requirement to recover, return and safely dispose of ozone depleting and synthetic greenhouse gas refrigerants. This fact sheet provides information on how to dispose of refrigerant and collect your rebate.

### **Fact Sheet 2 – Are you taking proper care of your cylinders?**

The use of untested or unsafe gas cylinders that do not meet Australian Standards is a direct breach of the conditions of holding a Refrigerant Trading Authorisation. This fact sheet provides information on cylinders that are acceptable to use.

### **Fact Sheet 15 – ‘Topping Up’ of air conditioning/refrigeration systems is not allowed**

‘Topping up’ means adding refrigerant to refrigeration and air conditioning systems before checking for, and fixing, any leaks. This is not allowed under the Australian codes of practice for handling both stationary and automotive refrigerant systems. This fact sheet provides information on why ‘topping up’ is illegal.

## **Technical information**

### **Prohibited refrigerant replacement**

Permit holders must not charge RAC equipment with a refrigerant that has a higher global warming potential (GWP) than the refrigerant the equipment was designed to use. This webpage provides information on why this ban has been introduced, and penalties for non-compliance.

### **R32 Refrigerant information for technicians**

Globally, small air conditioning systems are rapidly transitioning from R410A to R32 refrigerants. This webpage provides important information on these newer refrigerants and answers FAQ.

### **Pressure testing stationary RAC systems**

It is vital to ensure operating refrigeration and air conditioning systems do not leak refrigerant by pressure testing. This technical resource covers mandatory and best practice methods when pressure testing stationary RAC systems.

### **AIRAH: Where to flare**

Some confusion exists as to whether flare joints are suitable for use indoors on wall-mounted split systems charged with R32. This article analyses the current Australian Standards and answers FAQ.

### **Maximum quantity of refrigerant charge**

The maximum charge of refrigerant allowed in any specific application is calculated in accordance with the procedures of the applicable design standard. This technical resource provides information on applicable Australian Standards for maximum charges and when to apply them.

## **Evacuation - Stationary refrigeration and air conditioning systems**

The main purpose of evacuating a refrigeration or air conditioning system is to remove moisture and non-condensables from the pipework and components. This document provides information on mandatory evacuation methods.

### **More information**

#### **More fact sheets**

ARC publishes a range of fact sheets that provide general information to technicians, businesses and the community on refrigerants, permits, and obligations under Australian law.

#### **Frequently asked questions**

Frequently asked questions relating to the licensing scheme.

### **Free promotional materials for your business**

ARC runs an annual summer campaign to direct consumers to look for ARC-licensed businesses and technicians for refrigeration and air conditioning services. Free promotional materials are available to promote your business to customers.

#### **Free promotional materials**

Order free promotional posters, handouts, stickers, corflutes and self-inking stamps.

#### **Business and licence check directory**

Search for authorised businesses and licensed technicians using the 'Look For The Tick' website.

### **Industry information**

#### **Quarterly CoolChange newsletter**

*CoolChange* is ARC's quarterly newsletter delivered to over 120,000 licensed technicians and businesses throughout Australia. *CoolChange* is the most widely read publication in the refrigeration and air conditioning industry and provides important regulatory and industry information.