

New Standards for industry

As the national licensing body for more than 100,000 individuals and businesses in the refrigeration and air conditioning (RAC) sector, ARC participates in various committees and groups to ensure the interests of the whole industry are represented.

ARC has representatives on numerous Australian Standards committees, the Refrigeration and Air Conditioning Training Alliance, Government Air Conditioning and Commercial Refrigerants Advisory committee plus many others.

Our strategy is to update standards within the industry to make them modern and contemporary, so they evolve with the ever-changing technological landscape.

To deliver on this objective involves a number of actions, including the work we have done with the ARC industry working groups, as well as our involvement with Standards Australia.

New standards for refrigerating systems, heat pumps and refrigerants

In October 2016, Standards Australia published the following new standards for the refrigeration and air conditioning sector which replaced:

- AS/NZS 1677.1: 1998 Refrigeration systems – Refrigerant classification
- AS/NZS 1677.2: 1998 Refrigerating systems – Safety requirements for fixed applications

AS/NZS ISO 817 Refrigerants – Designation and safety classification

ARC had representatives on the committee assessing these significant amendments relating to safety classifications for refrigerants. We encourage all technicians and businesses to read and understand these changes, and to make sure you and your employees are across the new classifications.

AS/NZS 5149: Refrigerating systems and heat pumps - Safety and environmental requirements

This consists of four parts as follows:

- AS/NZS 5149.1 – Part 1: Definitions, classification and selection criteria.
- AS/NZS 5149.2 – Part 2: Design, construction, testing, marking and documentation.
- AS/NZS 5149.3 – Part 3: Installation site.
- AS/NZS 5149.4 – Part 4: Operation, maintenance, repair and recovery.

Visit the Standards Australia website to read more www.standards.org.au.