

AUR20220

Certificate II in Automotive Air Conditioning Technology



This qualification covers the skills and knowledge required to perform a range of tasks related to servicing and repairing air conditioning components and systems of cars and heavy vehicles within an automotive service and repair business. This course is aimed at people with previous experience/qualified in the automotive industry looking to obtain an air conditioning licence. The completion of this qualification enables an individual to apply for an AAC02 - Refrigerant handling licence - qualified persons (Automotive air conditioning licence: 2 years).

Course costs

Course costs will vary depending on the electives chosen. Please contact Komatsu Training Academy for further information.

Learning outcomes

This qualification is designed to provide an industry recognised skills profile related to trade work as a licenced Air conditioning technician.

You will be able to work in the automotive industry servicing heating, ventilation, and air conditioning systems; retrofitting, modifying, diagnosing and repairing faults. You can do this course as a standalone course or gain this qualification alongside one of our Automotive apprenticeships.

Duration

Up to 6 months.

Course duration may vary depending on your prior knowledge, skills, and experience.

Training locations

- » Brisbane, QLD
- » Perth, WA

Recognition of prior learning (RPL)

If you are currently working in the automotive electrical service industry and have more than 3 years' experience, please talk to a Komatsu Training Academy representative about RPL. Our specialist trainers can develop a tailored training plan for you based on your existing skills, knowledge and experience.

Resources required

Please note participants will be provided with all learning and assessment material. Participants will require their personal protective equipment (PPE) relevant to their workplace policy and procedures for undertaking practical activities.

Prerequisite

Trade Certificate (Automotive) or current Automotive Apprentice (at least completing the third year).

A refrigeration and air conditioning (RAC) trainee licence is required for a person who is handling refrigerant while undertaking training and/or assessment leading to a National Quality Council endorsed qualification in refrigeration and/or air conditioning.

Entry requirements

This course is aimed at people with previous experience/qualified in the automotive industry looking to obtain an air conditioning licence. The completion of this qualification enables an individual to apply for an AAC02 - Refrigerant handling licence - qualified persons (Automotive air conditioning licence: 2 years).

Komatsu Training Academy recognises that not all participants will have the same level of ability in relation to reading, writing and performing calculations. All participants enrolling into a nationally recognised qualification will undertake a Language, Literacy and Numeracy (LLN) assessment, which is conducted online via LLN Robot. LLN Robot is an online system that combines Australian Core Skills Framework (ACSF) Testing, Course Profiling and LLN Support.

Important information

Upon successful completion, you will be able to apply for your Automotive Refrigerant Handling Licence from the Australian Refrigerant Council. This will allow you to work on air-conditioning equipment in light, heavy and commercial vehicles.

Other costs for consideration: Trainee Licence through the Australian Refrigeration Council www.arctick.org

How to apply and enrol

If you currently have existing knowledge, skills and experience, then you may be eligible for Credit Transfers or RPL. Enrolments can be made directly through the Komatsu Training Academy.

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Course structure

Total number of units = 13

6 core units, plus

7 elective units, of which:

- » all 7 units may be from the elective units listed below
- » up to 3 units may be from a Certificate I qualification or above in this Training Package or another endorsed Training Package or accredited course.

Elective units chosen must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment, not duplicate the outcome of another unit chosen for the qualification, and contribute to a valid vocational outcome

Core units

AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURETR112	Test and repair basic electrical circuits
AURETU103	Service air conditioning and HVAC systems
AURETU104	Diagnose and repair air conditioning and HVAC systems
AURTTA118	Develop and carry out diagnostic test procedures

Elective units

AURTTA104	Carry out servicing operations
AURTTC103	Diagnose and repair cooling systems
AURTTK102	Use and maintain tools and equipment in an automotive workplace
AURTTE104	Inspect and service engines
AURETR011	Install basic ancillary electrical systems and components



Komatsu Training Academy

Who we are

Komatsu Training Academy is a Registered Training Organisation (RTO), which delivers nationally recognised and customised training through by a variety of methodologies, including: online, on-site, at customers' premises or at a Komatsu dedicated training facility.

No matter what your training needs our courses will upskill your workforce – ensuring you are best equipped to handle the ever changing technical and technological challenges facing the industries we operate in.

As an industry specific RTO, you can be assured that Komatsu Training Academy, delivers the very best training from experts who are passionately committed to achieving the right outcomes for you and your workforce.

Skills packages

Komatsu Training Academy recognises that the first step in ensuring safe, productive and profitable worksites is to have plant operators and service technicians who can safely and competently operate and service their machines, then build on these core skills to develop into highly proficient professionals.

We offer a range of training and skills development courses, from industry accredited nationally recognised machine specific courses, through to specialist courses that ensure the highest levels of proficiency and professionalism – and capable of delivering measurable and sustainable improvements in productivity, cost reduction, machine reliability and safety.

Our training facilities

Komatsu Training Academy boasts two purpose built education centres - located in Brisbane and Perth. Our facilities offer a highly interactive and technologically advanced learning environments, with spacious classrooms, state-of-the-art equipment and workshop labs specifically designed to deliver hands-on training to ensuring that students gain practical skills and experience.

Our innovative and futuristic training facilities assist with delivering a platinum level of training, helping to create career development opportunities for current and future generations. These training centres are an important element within our total customer satisfaction experience, by ensuring we offer the best trained Original Equipment Manufacturer (OEM) support in the industry.

