RCT
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PRODUCT SKILLS TRAINING

Get the Most Out of Your Workforce

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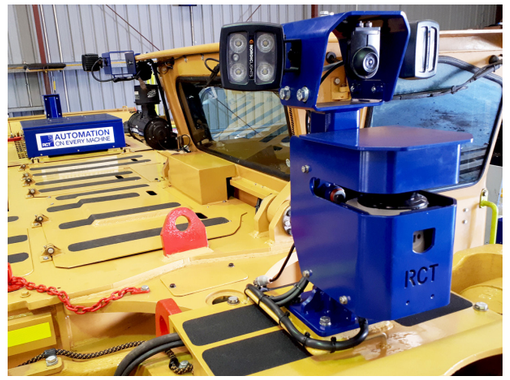


Product Skills Training

RCT has a long history of providing high-quality training to get the most out of RCT's Line-of-Sight, Teleremote and Automation solutions. These systems allow mine staff to remotely operate machinery at a safe distance, away from hazardous mine environments.

These training courses are tailored to suit both operators and maintenance personnel and are recognised by the industry for its high standards and excellence.

RCT's systems are used in more than 90 per cent of Australian mines as well as many overseas sites including: Asia, Africa, Russia, Canada, Middle East, South America and the USA.

RCT's standardised approach to componentry and operating procedures will ensure that training qualifications are valid worldwide. Participants will be trained by a qualified and experienced RCT instructor, using comprehensive training manuals and teaching aids. The hands-on exercises will be completed using equipment identical to that used in the mines. The courses are conducted at a variety of RCT branch locations and on customer mine sites.

Training can be booked through the RCT website or by contacting your local RCT branch or a sales representative.

Many mining job prerequisites include RCT certification; ensure you are job ready by completing an RCT training course at your nearest branch.

You will enjoy:

- Up-to-date documentation
- Best practice techniques and procedures
- Small class sizes allowing for individual attention
- Relaxed classroom atmosphere

Major benefits:

- Industry recognised training
- Exposure to the latest technology and revisions
- Worldwide acceptance of RCT Certificate
- Confidence in tackling complex problems
- Improved chances in securing a competitive position

Who should attend?

- Machine Operators
- Electricians
- Auto Electricians
- Mechanical Fitters
- Mining Engineers
- Geotech Engineers

Face-to-Face

Conducted by qualified and experienced trainers either at RCT's various offices or at the customer's mine site / offices. Highly interactive with the use of real equipment, advanced training aids and hands-on practical training. Activities include writing, reading, discussions, presentations, group work, role plays, demonstrations and practice. Face-to-face courses provide people with an opportunity to connect, problem solve and network with other trainees from both similar and different mining backgrounds adding to the richness of learning.

OPERATOR TRAINING

RCT22002 | Duration: 2 Days
Part No. 15447

This course is mandatory for remote control operators working with RCT equipment. It covers the fundamentals of remote control in a mining environment; covering all aspects required by an operator for safe and effective remote operation of the machine.

On-site courses will include a practical session on a machine where possible.

OPERATOR TRAINING (REMOTE CONTROL OF SURFACE MACHINE)

RCT22010 | Duration: 2 Days
Part No. 17818

This course covers the fundamentals of remote-controlled surface mining machines, focusing on the essential skills operators need to safely and effectively operate machines in both Line-of-Sight (LOS) and Teleremote modes.

Participants will engage in hands-on practical sessions with the machine, allowing them to practice both LOS and Teleremote operations. Attendance is mandatory for operators of Remote/Teleremote systems.

MAINTENANCE TRAINING

RCT22004 | Duration: 3 Days
Part No. 15449

The first half of this course covers the fundamentals of remote control in a mining environment covering all aspects required for safe and effective remote operation of the machine and is essentially the operator course (RCT22002) which also forms the foundational requirement for maintenance personnel.

The second half of the course focuses on all the maintenance aspects and is a mandatory requirement for mine site maintenance personnel who will be required to maintain the RCT equipment.

If there are both operators and maintenance personnel present, then the operators can leave sometime on the second day and training will continue for the maintenance people.

MAINTENANCE TRAINING (REMOTE CONTROL OF SURFACE MACHINE)

RCT22011 | Duration: 2 Days
Part No. 17819

This course is mandatory for operators of Remote/Teleremote control systems. It covers the fundamentals of remote-controlled surface mining machines, including all aspects necessary for the safe and effective operation, maintenance, and troubleshooting of RCT's Line-of-Sight (LOS) and Teleremote modes. It is also mandatory for mine site maintenance staff responsible for maintaining RCT equipment on a digital communications network.

Participants will engage in practical operational sessions, allowing them to work hands-on with the machine in both LOS and Teleremote operations.

AUTONAV CALIBRATION

RCT22005 | Duration: 1 Day
Part No. 15450

This course is mandatory for mine site maintenance staff responsible for maintaining RCT AutoNav equipment. It covers all 21 calibrations required for AutoNav operations. The course is delivered exclusively at the customer's site, where access to a machine is required.

ANALOGUE COMMS MAINTENANCE

RCT22006 | Duration: 1 Day
Part No. 15451

This course is mandatory for mine site maintenance staff who will be required to carry out testing, maintenance and servicing of the communications system.

This course mainly focuses on the analogue antenna-based communication system installed in underground mines.

DIGITAL COMMS (RCT CONNECT) MAINTENANCE

RCT22008 | Duration: 1 Day
Part No. 16895

This course is mandatory for mine site maintenance staff who will be required to carry out testing, maintenance, and servicing of the digital communications system.

This course mainly focuses on the RCT Connect system installed in underground mines.

ADVANCED MAINTENANCE

RCT22007 | Duration: 4 Days
Part No. 15452

This is an advanced level maintenance course and can only be done if the pre-requisites have been met (please refer to the pre-requisites page).

At the end of this course, the trainees will be able to follow safe testing and troubleshooting procedures and conduct workshop repairs if required.

MINING ENGINEER TRAINING

RCT22009 | Duration: 1 Day
Part No. 16490

This course will provide a conceptual overview of the RCT ControlMaster® remote control system and how it can be used effectively in a mine site to improve safety, increase efficiency and enhance productivity.

The course will largely focus on mine design in relation to increasing the productivity of the remote control systems.

Some of the areas covered include: Set up of RCT's remote control system, various components and locations in the mine and drive, location of components on the machine, costs of critical components (highlighting the importance of proper planning to prevent damage), and obstacles and hazards that reduce the system's performance. The course will also utilise a simulator with different level plans to explore elements of good and bad mine designs. This will further highlight the importance of a good design in order to obtain the optimum performance of the remote control systems.

Video Conferencing

RCT video conferencing allow for the benefits of RCT face-to-face training to be realised without the need for trainees to attend an RCT based or site-based training room. Trainees simply require access to a computer with a microphone and camera, as well as a fast and stable connection to the internet. Regular face-to-face training objectives such as group discussions, reading, writing, graphic presentations and demonstrations can be achieved. The trainees will continue to have the opportunity to connect, problem solve and network with other trainees. Video conferencing are ideal in situations where travel constraints or shift obligations make it impracticable to arrange a group training session in a traditional format.

OPERATOR TRAINING

RCT22002 Part No. 15446

MAINTENANCE TRAINING

RCT22004 Part No. 15448

ANALOGUE COMMS MAINTENANCE

RCT22006 Part No. 15454

DIGITAL COMMS (RCT CONNECT) MAINTENANCE

RCT22008 Part No. 16896

MINING ENGINEER TRAINING

RCT22009 Part No. 16670

NOTE
Course content and duration will be similar to face-to-face courses.

eLearning

eLearning courses can be completed anywhere and at any time. For a set period of time, trainees will have unlimited access to these courses and they can be completed at their own pace. Although face-to-face interaction with the trainer is not possible, the eLearning courses do represent a considerable cost saving to the customer. eLearning courses suit the different learning styles of different people and incorporate a range of different delivery methods compared to our traditional courses. The courses are modular in nature and progress in complexity as more difficult concepts are discussed.

eLearning courses can better prepare you before attending face-to-face training or as a refresher post face-to-face training. It is important to note that for some requirements onsite, it might be mandatory to complete the face-to-face practical courses in addition to the eLearning courses.

Note: All eLearning courses are now available in English, Spanish and Portuguese. Russian eLearning courses will be available shortly.

OPERATOR TRAINING

RCT22002 Part No. 16671

MAINTENANCE TRAINING

RCT22004 Part No. 16672

AUTONAV CALIBRATION

RCT22005 Part No. 15439

ANALOGUE COMMUNICATIONS MAINTENANCE

RCT22006 Part No. 15440

DIGITAL COMMS (RCT CONNECT) MAINTENANCE

RCT22008 Part No. 16897

MINING ENGINEER TRAINING

RCT22009 Part No. 16673

Choose your own (eLearning only)

Trainees have the option of supplementing their full course with any of the individual modular courses listed below.

OPERATOR COURSES

Conceptual Overview	TMD0001	Part No.12713
Remote Fundamentals	TMD0002	Part No.13019
Teleremote Analogue	TMD0003	Part No.13931
Machine Containment System	TMD0004	Part No.14670
AutoNav	TMD0005	Part No.14671
Teleremote Digital	TMD0006	Part No.16677
RCT Bridge	TMD0007	Part No.15045
Underground Support for Surface Control	TMD0008	Part No.15352
Surface Machine - Remote Control	TMD0009	Part No.15208

MINING ENGINEER COURSES

Remote for Mining Engineers	TMD0019	Part No.16673

MAINTENANCE COURSES

Remote Analogue	TMD0010	Part No.15354
Teleremote Analogue	TMD0011	Part No.15983
Machine Containment System	TMD0012	Part No.15431
AutoNav	TMD0013	Part No.15433
Teleremote Digital	TMD0014	Part No.16678
RCT Connect	TMD0015	Part No.15438
Communications Surface	TMD0018	Part No.16676
Analogue Comms Underground	TMD0016	Part No.15440
Digital Comms Fundamentals	TMD0020	Part No.16898
Calibrations	TMD0017	Part No.15439

Pre-Requisites

OPERATOR TRAINING

RCT22002 | RCT22010

- Must be at least 18 years of age and inducted for underground site operations (site specific).
- Current holder of machine operator's ticket or tramming ticket.

ALL MAINTENANCE

RCT22004 | RCT22005 | RCT22006 | RCT22007 RCT22008 | RCT22011

- Must be at least 18 years of age and inducted for site and underground site operations (site specific).
- Current holder of machine operator's ticket or tramming ticket. Not applicable if you are not required and therefore not permitted to operate or tram the machine.
- Good knowledge of electrical, electronic and digital networking principles.
- It is recommended that the trainee completes RCT22004 before doing RCT22005 and RCT22006.

ALL eLEARNING COURSES & VIDEO CONFERENCING

- Must have a computer with a camera and mic as well as a good internet connection.

ADVANCED MAINTENANCE

RCT22007

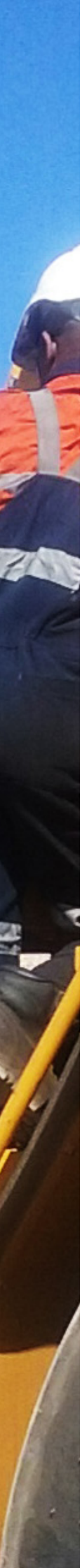
- There are only a few Senior Technical Trainers who can conduct Advanced Maintenance training, so availability can be limited and bookings need to be done well in advance.
- Advanced Maintenance training is only offered to specific customers or authorised RCT dealers who are not supported by an RCT branch.
- It is preferred that this course is delivered at RCT's facilities.
- Customers are recommended to return and/or contact their closest RCT office to have their ControlMaster® equipment tested and repaired.
- The duration of all courses are based on 8-hour days. If the time available for training is less, then the number of days will go up.
- It is recommended that the trainee completes RCT22004, RCT22005 and RCT22008 before doing RCT22007, and demonstrate they have the skills to carry out workshop repairs required for Advanced Maintenance.
- The trainee has to be a qualified technician with suitable electrical, electronic and digital networking qualifications, knowledge, skills and experience.
- The customer must have the correct conditions and facilities to carry out the workshop repairs required for Advanced Maintenance.
- The customer must have the Advanced Maintenance Service Kit (contact RCT for details).

"The training has empowered staff, making it possible to avoid extended downtime and save thousands of dollars in the costs associated with outsourcing maintenance overseas."

- Auto Electrician Supervisor, Phillip Bell
(OK Tedi Mining Limited)

"The training was very interesting with great delivery... great all round."

- Electrical Supervisor, Shane Smith
(PYBAR Mining Services)



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