



CONTROLMASTER[®]
SMART AUTOMATION & CONTROL TECHNOLOGY **BY RCT**

GET THE MOST OUT OF
YOUR WORKFORCE!



PRODUCT
SKILLS
TRAINING

rct-global.com

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 Guidance 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.

Previously, training has only been available to existing RCT corporate customers.

Now, for the first time, machine operators, auto electricians and mechanical fitters can access these courses to significantly enhance their chances of successfully applying for positions in the mining industry. 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, 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
- Australia-wide acceptance of RCT Certificate
- Confidence in tackling complex problems
- Improved chances in securing a highly competitive position
- More enjoyable working environment – knowledge is power!

Who should attend?

- Machine Operators
- Electricians
- Auto Electricians
- Mechanical Fitters



COURSES ON OFFER

OPERATORS

RCT22001

Fundamentals of Remote & Teleremote Control

RCT22002

Remote, Teleremote & Guidance Control

RCT22010

Remote & Teleremote Control (Digital)

MACHINE MAINTENANCE

RCT22003

Remote & Teleremote Control

RCT22004

Remote, Teleremote & Guidance Control

RCT22005

Advanced Guidance Control

RCT22011

Remote & Teleremote Control (Digital)

COMMUNICATIONS MAINTENANCE

RCT22006

Underground Communications (Analogue)

ADVANCED MAINTENANCE

RCT22007

Advanced Repair & Servicing Procedures (Analogue)

RCT22008

Advanced Repair & Servicing Procedures (Digital)



COURSES IN DETAIL

OPERATORS

Fundamentals of Remote & Teleremote Control – Operator

RCT22001 | Duration: 1 Day

This course covers the fundamentals of the Remote and Teleremote operation in a mining environment. This course is mandatory for Remote and Teleremote control operators. The first half looks at all the components used and the second half looks at how remote mining operates.

Remote, Teleremote & Guidance Control – Operator

RCT22002 | Duration: 2 Days

Day 1 is the RCT22001 (Fundamentals of Remote & Teleremote Control – Operator) training course.

Day 2 covers the foundations required for an understanding of what is required for operation via Guidance. Onsite courses will include an underground practical session on a Guidance machine where possible.

Remote & Teleremote Control (Digital) – Operator

RCT22010 | Duration: 1 Day

This course is for operators who have already completed our existing analogue operator training but want to upgrade to RCT digital products.

MACHINE MAINTENANCE

Remote & Teleremote Control – Maintenance

RCT22003 | Duration: 2 Days

Day 1 is the RCT22001 (Fundamentals of Remote & Teleremote Control – Operator) training course.

Day 2 covers in detail, from a maintenance point of view, all the equipment used for Remote and Teleremote operations.

This course is mandatory for mine site maintenance staff who will be required to maintain the RCT equipment. Please note that this course does not cover Guidance.

Remote, Teleremote & Guidance Control – Maintenance

RCT22004 | Duration: 3 Days

Day 1 and 2 is the RCT22003 (Remote & Teleremote Control – Maintenance) training course and Day 3 covers the Guidance equipment maintenance training.

This course is mandatory for mine site maintenance staff who will be required to maintain the RCT equipment and are using Guidance operations. If there are both operators and maintenance people present, then the Guidance operator component will be completed during the first half of Day 2 and then the operators can leave and training will continue for the maintenance people.

Advanced Guidance Control – Maintenance

RCT22005 | Duration: 1 Day

This course is mandatory for mine site maintenance staff who will be required to maintain the RCT Guidance equipment.

This course includes all the 21 calibrations required for Guidance operations and is only delivered at the customer's site where a machine must be made available.

Remote & Teleremote Control (Digital) – Maintenance

RCT22011 | Duration: 2 Days

Day 1 is the RCT22010 (Remote & Teleremote Control (Digital) – Operator) training course.

Day 2 covers in detail, from a maintenance point of view, all the digital equipment used for remote and Teleremote operations.

This course is mandatory for mine site maintenance staff who will be required to maintain the RCT equipment and can only be done if they have already completed our existing maintenance training on the analogue products and want to upgrade to the RCT digital products.

COMMUNICATIONS MAINTENANCE

Underground Communications (Analogue) - Maintenance

RCT22006 | Duration: 1 Day

This course is mandatory for mine site maintenance staff who will be required to carry out testing, maintenance and servicing of the analogue communications system. At the completion of this course, trainees will be able to design a typical underground analogue communications system.

ADVANCED MAINTENANCE

*Only offered on a selective basis to specific customers.

Advanced Repair & Servicing Procedures (Analogue)

RCT22007 | Duration: 2 Days

This course can only be done if the pre-requisites have been met. Please refer to the pre-requisites section.

Advanced Repair & Servicing Procedures (Digital)

RCT22008 | Duration: 2 Days

This course can only be done if the pre-requisites have been met. Please refer to the pre-requisites section.



PRE-REQUISITES

ALL OPERATOR TRAINING COURSES

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

ALL MAINTENANCE TRAINING COURSES

- Must be at least 18 years of age and inducted for site and underground site operations (site specific).
- Completed the RCT Operators fundamentals course.
- Must have completed RCT22004 in order to do RCT22005.
- Current holder of machine operator's ticket or tramping 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.

RCT22007 AND RCT22008 (ADVANCED MAINTENANCE) TRAINING COURSES

- The trainees must have completed all previous training and demonstrate they have the skills to carry repairs required for Advanced Maintenance.
- The trainees have to be qualified technicians with suitable electrical, electronic and digital networking qualifications, knowledge, skills and experience.
- For sites that use our digital products, both RCT22007 and RCT22008 have to be completed in order to undertake advanced maintenance.
- The customer must have the correct conditions and facilities to carry out the repairs required for Advanced Maintenance.
- The customer must have the Level 1 to 5 Field Service Kit (Part No. 9908).

Note:

- *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 on a selective basis to specific customers.*
- *It is preferred that this course is delivered at RCT's facilities.*
- *Companies within Australia 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.*





“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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