

GET THE MOST OUT OF
YOUR WORKFORCE!



PRODUCT
SKILLS
TRAINING

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.

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
- Electrical Fitters

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.

Please note:

1. Maintenance training also includes Fundamentals of Remote Control.
2. Advance Guidance is a standalone course that is conducted on-site only and must have access to a machine to carry out full Guidance calibration procedures. This advanced level of training is intended for selected maintenance staff that possess the required computer skills in addition to those skills required for Teleremote & Guidance System Maintenance training. The trainees will have completed a Teleremote & Guidance System Maintenance course prior to undertaking this advanced level course. This course will provide the participants with the required skills to be able to setup and calibrate the Guidance system when major critical components have been replaced due to being damaged etc. Applicants will use a laptop or similar computer to download fault logs and to interrogate the Guidance control unit.
 - a. It is essential that a Guidance fitted machine is made available for the training as it involves hands-on calibration of the Guidance System using proprietary software designed for the purpose.
3. Certificates from RCT will be issued upon successful completion of the training session undertaken.
4. Maintenance and Communication training also has an optional recommended training kit to ensure greater understanding and diagnosis of the remote control and communication equipment.



COURSE FORMAT

All courses are broken into allocated day(s) for either onsite or in the classroom. Courses can be run standalone or consecutively.

ControlMaster® Operator Training

The content includes:

Line-of-Sight components including transmitter, receiver and interface, safe operating procedures, standard system features, disparity checking, pre-start checks, Teleremote machine components including cameras, Teleremote Transmitters and aerials, Teleremote station components, Teleremote and Guidance safe operating procedures, video system troubleshooting, laser barrier operation and troubleshooting.

It is divided into these courses:

- Fundamentals of Remote Control (including safe line-of-sight operation)
- Teleremote & Guidance Operator Station (including Fundamentals of Remote Control)
- Guidance Expand - Automation Centre Operation (coming soon)

ControlMaster® Machine and System Maintenance Training

This course is purely designed for maintenance personnel but also includes Fundamentals of Remote Control operator training.

The content includes:

Safety procedures for testing, transmitter and receiver specifications and troubleshooting, PWM testing and calibration, interface testing and maintenance, breakdown test procedures, remote servicing recommendations, Teleremote transmitter operation and troubleshooting, Guidance system maintenance and troubleshooting, Teleremote cabin maintenance and servicing, laser barrier maintenance and troubleshooting.

It is divided into these courses:

- Remote Control Machine Equipment Maintenance
- Teleremote & Guidance System Maintenance
- Guidance Expand Automation Station (coming soon)
- Advanced Guidance (standalone onsite course)
- Remote Control Internal Programming & Testing Procedures
- Remote Control Internal Servicing Procedures

ControlMaster® Communications Systems Diagnostics and Maintenance Training

The content includes:

Installation and maintenance of Teleremote communications systems.

It is divided into these courses:

- Control/Video Communications (Analogue)
- Control/Video Communications (RCT Bridge) (coming soon)
- Control/Video Communications (Digital) (coming soon)

“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
(Five OK Tedi Mining Limited)





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