

REMOTE CONTROL TRAINING COURSES FOR INDIVIDUALS

PRODUCT SKILLS

TRAINING LEVELS 1, 2 and 3

For many years mining companies have been able to access high quality training to maximise production using RCT's Line-of-Sight, Teleremote and Guidance Solutions. These systems allow mine staff to remotely operate machinery at a safe distance from dangerous mine environments.

These training courses are tailored to suit both operators and maintenance personnel and are recognised by industry for their high standards and excellence. They have, however, 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 over 90% of Australian mines as well as many overseas sites in Asia, Africa and the USA. RCT's standardised approach to componentry and operating procedures will ensure that your qualifications are valid worldwide!

You 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 locations around Australia throughout the year. A calendar of these courses can be accessed from our website.

In addition to the training manuals, all Level 2 and 3 trainees receive a valuable goody bag packed with the tools required to carry out routine maintenance and testing of the RCT systems. These are the same tools used by our Customer Service Technicians.

The next time you see a "Situations Vacant" advertisement requiring RCT certification, make sure you are at the head of the queue by completing an RCT training course at a centre near you!

You will enjoy:

- Up-to-date documentation
- "Best practice" techniques and procedures
- Small class sizes allowing individual attention
- Morning tea and lunch
- Relaxed classroom atmosphere

Major benefits:

- Industry recognised training
- Exposure to the latest technology and revisions
- Australia-wide acceptance of RCT Certificate
- Develop confidence in tackling complex problems
- Improve your chances of securing a highly competitive position
- Make your job more enjoyable – knowledge is power!

Who should attend?

- Machine operators (particularly LHD or "bogger")
- Electricians
- Auto Electricians
- Mechanical Fitters
- Electrical Fitters



Discover more: www.rct.net.au

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Course format

Each course runs for approximately 8 hours. Generally Level 1, 2 and 3 courses are run consecutively over three days.

- Level 1 Safe operating procedures
- Level 2 Safe testing and Maintenance Procedures (Maintenance personnel)
- Level 3 Teleremote Communications Systems (Maintenance personnel)

Please note – it is strongly recommended that Maintenance Personnel complete Levels 1, 2 and 3 to provide a comprehensive insight to the complete RCT ControlMaster® system.

RCT courses at a glance

LEVEL 1 SAFE OPERATING PROCEDURES – LINE-OF-SIGHT AND TELEREMOTE

This course is the foundation of all RCT training and a pre-requisite for Level 2 and 3 courses. Although Line-of-Sight is less common today in Australia, it is still used by operators in recovery situations and by maintenance personnel when testing. It is also still used extensively overseas.

Aspects covered include:

- 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, teletransmitters and aerials
- Teleremote station components
- Teleremote safe operating procedures
- Video system troubleshooting
- Laser barrier operation and troubleshooting

LEVEL 2 SAFE TESTING PROCEDURES

Designed specifically for maintenance personnel, topics covered in Level 2 include:

- Safety procedures for testing
- Transmitter and receiver specifications and troubleshooting
- PWM testing and calibration
- Intearface testing and maintenance
- Breakdown test procedures
- Remote servicing recommendations
- Teletransmitter operation and troubleshooting
- Teleremote cabin maintenance and servicing
- Laser barrier maintenance and troubleshooting

LEVEL 3 TELEREMOTE COMMUNICATIONS SYSTEMS

The efficient operation of the ControlMaster® system relies on radio communications. This course covers installation and maintenance including the following topics:

- Component identification
- Correct installation and settings
- Component maintenance, testing and troubleshooting
- Cable installation
- Cable fitting installation
- Designing and testing an underground communications system



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