

Counter Radio Controlled Improvised Explosive Device (C-RCIED) Course



Who should attend?

Anyone involved in formulating strategy, policy, doctrine, processes or procedures for Counter RCIED capability in a deployed, operational context. Anyone involved in the practical application, delivery and conduct of Counter RCIED in a deployed, operational context.

Key Organisations

Ministry of Defence

HQ Army

Defence Science and Technology Agencies

Defence Research Lab/Institutes

All Government agencies, industries and organisations interested in development of Counter RCIED capability.

Introduction

This workshop addresses key areas regarding the planning, preparation, deployment and sustainment of Electromagnetic Counter Measures used specifically to inhibit Radio Controlled Improvised Explosive Devices (RCIEDs) in a deployed operational context. This includes the processes and procedures required to effectively manage ECM capability. It will cover the RCIED threat; an historical insight into how devices have developed in different environments. Different types of IEDs will be discussed, focusing on the requirements of an RCIED. The workshop will focus in detail on the requirements of ECM equipment and the various methods of jamming that can be used to inhibit RCIEDs. It will also concentrate on the Technology Cycle; exploiting emerging threats and developing new waveforms or new equipment as a timely response to the threat. Interoperability between national and other nations ECM equipment will be addressed as well as ECM interoperability with communications. There will also include a session analysing Tactics, Techniques and Procedures relating to ECM usage by both dismounted patrols and vehicle convoys. The workshop will also facilitate practical based exercises designed around realistic deployed scenarios in order to consolidate student learning.

What you will learn:

- The RCIED threat.
- Principles of RCIEDs.
- Principles of ECM.
- ECM equipment requirements.
- Jamming techniques.
- Technology Cycle – Exploitation, waveform/equipment development, TTP analysis
- Interoperability.
- TTPs.



Course Duration
3 Days

Location
Mercury EW Ltd – Training Facility