



Australian Government

Assessment Requirements for DEFINT018

Collect radio frequency emissions

Release: 1

Assessment Requirements for DEFINT018 Collect radio frequency emissions

Modification History

Release 1. This is the first release of this unit of competency in the DEF Defence Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying legislation, statutory requirements and organisational policies, protocols and procedures relevant to radio frequency emissions
- communicating effectively
- following collection plan, instructions, protocols and directives when collecting radio frequency emissions
- identifying, interpreting and analysing assessment requirements relevant to collecting radio frequency emissions
- intercepting target radio frequency emission
- listening effectively to radio frequency emissions
- preparing for collection activities
- reporting information and radio frequency intercepts appropriate to the situation
- using organisational systems and equipment to conduct collection activities in accordance to manufacturer specifications
- using current specialist sensor equipment and procedures across a range of relevant workplace situations, collection systems and target communications environments.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- collection plan including:
 - activity duration
 - activity parameters
 - organisational priorities
 - required equipment
 - situational considerations
 - software requirements
- collection and compliance principles and procedures including:
 - compliance and privacy principles

- collection systems and equipment
- communication network systems and architecture
- electromagnetic spectrum
- international time zones and date lines
- search methodology including:
 - channel
 - frequency band
 - search by selector including:
 - signal strength
 - spectrum surveys
 - target
- radio frequency propagation
- relevant equipment manufacturer specifications
- relevant legislation and organisational policies and procedures including:
 - telecommunications
 - work health and safety/occupational health and safety
 - privacy principles.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and systems currently used in industry
- applicable documentation including workplace procedures, guidelines, regulations, codes of practice and operation manuals.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

