

CATEGORY G

SUBJECT:

RADIO COMMUNICATIONS

OBJECTIVE(S)

- To provide candidates with the practical and theoretical knowledge necessary to operate and act in a professional manner in the operation of one form of telecommunications (C.B., Radio-Telephone or Ham).
- To recognize previous training, certification.

PREREQUISITES

None.

INSTRUCTORS/EVALUATORS

- Qualified Brigade Radio Operators
- Members of Police, Fire or Ambulance Services
- Members of CB Clubs
- Members of Communication Units of the Canadian Armed Forces (regular or reserve)
- Ham Radio Operators
- Instructors of appropriate Federal, Provincial or Municipal Government ministry, agency or department dealing with communications or radio licenses and examinations.

REFERENCES AND MATERIALS

- Appropriate Federal, Provincial or Municipal Government ministry, agency or department dealing with communications or radio licenses and examinations
- Local libraries
- Internet

CONTENT

The candidate must demonstrate a high degree of skill and knowledge in *one* of the following systems of communications:

1. *Citizens Band Radio (C.B. Radio)*
 - Procedure for obtaining a license and the regulations governing the use of CB radios.
 - Description and functions of the main parts of a CB radio.
 - Definition/use of : Base station, Telephone Handset, walkie-talkie, Mobile Station, Antenna.
 - Translation of some 10-signals Code.
 - Official radio alphabet and correct pronunciation of numbers.
 - Correct procedure for sending and receiving messages.
 - Procedures to be used in emergency situations.
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2. *Radio-telephone*

The candidate must qualify for and pass the appropriate certificate issued by the appropriate Federal, Provincial or Municipal Government ministry, agency or department dealing with communications or radio licenses and examinations.

3. *Ham Radio*

The candidate must complete the requirements for the Amateur Radio Operator's Certificate as set down by the appropriate Federal, Provincial or Municipal Government ministry, agency or department dealing with communications or radio licenses and examinations.

DURATION

Must complete in six months.

CERTIFICATION

The candidate must satisfy the Instructor/Evaluator that they are able to make use of both skills and equipment effectively in all types of circumstances including emergencies.

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CERTIFICATION OF SUCCESSFUL COMPLETION OF PROFICIENCY SUBJECT
RADIO COMMUNICATIONS

Instructors/Evaluators should carefully consider the age, ability and accessibility to resource materials of each candidate.

The candidate has completed the above content and meets the requirements to the satisfaction of the Instructor/Evaluator.

Name of Instructor/Evaluator: _____

Agency: _____

Address: _____ Tel #: _____

Instructor qualifications: _____

I certify that

_____ of _____
(candidate's name) (Division #)

meets the criteria of this proficiency subject, as laid out on the previous page(s).

Instructor/Evaluator (signature) Date

Divisional Superintendent (signature) Date