



2009 PRESCRIPTION

UNIT 4 FIRE PROTECTION SYSTEMS AND COMMUNICATION

EXTENT OF KNOWLEDGE REQUIRED

- 1) Fire Protection Systems (Incl. Alarm and Suppression Systems)
 - Types
 - Construction
 - Operation
 - Components
 - Interaction with other Systems
 - Water Supplies
 - Operational Procedures

- 2) Communication
 - Mobilisation
 - Land Mobile Radio (LMR)
 - Incident Ground Communication (IGC)
 - Multiple Incident Procedure (MIPS)
 - Hazards
 - Operational Procedures

RELEVANT STUDY MATERIAL

General:

- SNZ PAS 4509:2003 New Zealand Fire Service Firefighting Water Supplies Code of Practice

- NZFS FIRENET Training Material – General:
 - Phase III Course Student Notes (PH3-2)
 - Phase IV Course Student Notes (PH4-2)

Manuals – Operational Instructions Series:

- **Fire Safety – Technical**
Sections: 5 Fixed Fire Systems – Detection and Alarm
 6 Fixed Fire Systems – Extinguishing Systems

- **Operational Management Manual**
Section: Q Code of Practice for Firefighting Water Supplies

- **New Zealand Fire Service National Commanders Instructions Vol.2**
NCI's Sections: 2 Mobilisation
 5 Radio Telephone Communications
 24 Private Fire Alarms
 25 Fire Suppression Systems
 28 Lifts and Escalators
 37 Receipt of Emergency Calls at Stations
 40 Explosives

- **Operational Requirements Manual**
Sections: 10 Telecommunications
 16 Channel Testing Procedure