



2009 PRESCRIPTION

UNIT 5 FIREFIGHTING 1

EXTENT OF RECOMMENDED KNOWLEDGE

Firefighting skills (Firemanship)

- Operational procedures for breathing apparatus
- Techniques of forcing entry into buildings
- Basic principles of fire attack
- Use of firefighting equipment
- Use of knots and lines
- Building construction (Behaviour of materials involved in fire)
- Building construction (Signs of collapse)
- Recognising signs and symptoms of flashover and backdraft
- Actions to prevent flashover and backdraft occurring
- Use of salvage equipment
- Scene preservation
- Security of property post fire
- Personal and crew safety

Ventilation

- The purpose, hazards, dangers, advantages and disadvantages of ventilation during an incident
- Types of ventilation
- Use of smoke control systems

Rural Firefighting

- Basic methods of fire attack
- Water supplies
- Basic rural fire dynamics
- Rural firefighting equipment and communications
- Crew safety and safety around aircraft

Life Support

- Demonstrate knowledge of basic first aid to NZFS Grade 2 level
- Signs, symptoms and treatment of mild and severe heat illness
- Procedures for dealing with various types of first aid situations. Range may include smoke and heat inhalation, burns, scalds, bleeding and shock.

RELEVANT STUDY MATERIAL

New Zealand Fire Service National Commanders Instructions:

- NCI # 1 Operational Safety
- NCI # 4 Breathing Apparatus
- NCI # 6 Use of Protective Clothing and Equipment
- NCI # 8 Ventilation
- NCI # 9 Standby Crews
- NCI # 11 Ventilation
- NCI # 16 Roadway Operations
- NCI # 20 Emergency Medical Support
- NCI # 22 Vegetation Fires
- NCI # 23 Vehicle Accidents
- NCI # 26 Multi-Storeyed Buildings
- NCI # 28 Lifts and Escalators
- NCI # 39 Working Near Railway Tracks
- NCI # 41 Salvage

Source:

<http://firenet.fire.org.nz/Firenet/ManualsAndForms/ManualGroups/OperationalInstructionsSeries/>

New Zealand Fire Service Breathing Apparatus and Chemical Protective Clothing Technical Manual (BAM-1)

- Introduction
- Sections 1 to 4 inclusive

Source:

<http://firenet.fire.org.nz/Firenet/ManualsAndForms/ManualGroups/BA/>

New Zealand Fire Service First Aid Station Reference Manual (FAI-2)

- Section 1
- Section 2
- Section 3
- Section 4
- Section 6
- Section 9

Source:

<http://firenet.fire.org.nz/NR/rdonlyres/BC4D6DBF-FB1A-40E5-9B2E-39C2618C5660/12600/FirstAidStationReferenceManual190406.pdf>

New Zealand Fire Service Tactical PPV Technical Manual (PPV-2)

- Section 1 (Introduction)
- Section 2 (Operations)

Source:

<http://firenet.fire.org.nz/Firenet/ManualsAndForms/ManualGroups/Training/General-TacticalPPVTechnicalManual%28PPV-2%29/Introduction/>

<http://firenet.fire.org.nz/Firenet/ManualsAndForms/ManualGroups/Training/General-TacticalPPVTechnicalManual%28PPV-2%29/Operations/>

AND EITHER:

New Zealand Fire Service Career Recruit Course Notes (RCC-4)

- Section 2
- Section 4
- Section 6 (Topic 18 Forced Entry)
- Section 9
- Section 10
- Section 11
- Section 12
- Section 14
- Section 16 (Section A Behaviour of Materials)

Source:

<http://firenet.fire.org.nz/Firenet/CMSTemplate/ManualTemplate.aspx?NRMODE=Published&NRNODEGUID=%7bCD7D4AE3-393C-4CB0-AF88-E9889FE2FA76%7d&NRORIGINALURL=%2fFirenet%2fManualsAndForms%2fManualGroups%2fTraining%2fCareer-RecruitCourseNotes%2528RCC-4%2529%2fContents%2f&NRCACHEHINT=NoModifyLoggedIn#>

New Zealand Fire Service Career Pre-Course Workbook (RCC-6)

- Part 4 (Knots and Lines)

Source:

<http://firenet.fire.org.nz/NR/rdonlyres/BEA7F9AA-C8D4-4EF2-8F08-86EF83EA5D9D/13638/PrecourseKnotsLines220803.pdf>

New Zealand Fire Service Career QF Stage 1 Study Guides (QFC-1)

- Guide 9 Building Construction (Module 7 Signs of Collapse)

Source:

<http://firenet.fire.org.nz/NR/rdonlyres/2ADFE9A7-95A0-4E8B-8A30-EE290247DDC6/19484/09BuildingConstruction200807SYS.pdf>

OR

New Zealand Fire Service Volunteer – Recruit Firefighter Induction (RCV-5)

- Module 6 – PPE
- Module 11 - Safe Person Concept
- Module 13 – Knots and Lines

Source:

<http://firenet.fire.org.nz/Firenet/CMSTemplate/BaseTemplate.aspx?NRMODE=Published&NRNODEGUID=%7b3B74B43A-D9D1-449F-AE9B-0244A78095A1%7d&NRORIGINALURL=%2fFirenet%2fManualsAndForms%2fManualGroups%2fTraining%2f&NRCACHEHINT=NoModifyLoggedIn#>

New Zealand Fire Service Volunteer Recruit Basic Skills Guide (RCV-7)

- Module 6 – Forced Entry

Source:

<http://firenet.fire.org.nz/Firenet/CMSTemplate/BaseTemplate.aspx?NRMODE=Published&NRNODEGUID=%7b3B74B43A-D9D1-449F-AE9B-0244A78095A1%7d&NRORIGINALURL=%2fFirenet%2fManualsAndForms%2fManualGroups%2fTraining%2f&NRCACHEHINT=NoModifyLoggedIn#>

New Zealand Fire Service Volunteer QF Pre-course Study Guide (QFV-3)

- Salvage
- Ventilation
- Vegetation Fires
- Fire Science

Source:

<http://firenet.fire.org.nz/Firenet/CMSTemplate/BaseTemplate.aspx?NRMODE=Published&NRNODEGUID=%7b3B74B43A-D9D1-449F-AE9B-0244A78095A1%7d&NRORIGINALURL=%2fFirenet%2fManualsAndForms%2fManualGroups%2fTraining%2f&NRCACHEHINT=NoModifyLoggedIn#>

New Zealand Fire Service Volunteer QF Post-course Study Guide (QFV-4)

- Scene Preservation

Source:

<http://firenet.fire.org.nz/Firenet/CMSTemplate/BaseTemplate.aspx?NRMODE=Published&NRNODEGUID=%7b3B74B43A-D9D1-449F-AE9B-0244A78095A1%7d&NRORIGINALURL=%2fFirenet%2fManualsAndForms%2fManualGroups%2fTraining%2f&NRCACHEHINT=NoModifyLoggedIn#>