



Associate Examination Syllabus 2018

Prescription

The Associate examinations draw on a wide range of knowledge and on specific activities relevant to urban, rural and operational support firefighters operating with over three years of experience, and to demonstrate the ability to use this knowledge in evaluating and implementing tactics in live situations.

Assessment Methods

The assessment takes the form of two written two-hour examinations. Both examinations contain a mix of multiple choice and long answer sections.

Associate Examination A: On Station

Subject	Total Marks
Multi Choice	20
Station Management	20
Equipment	20
First Aid	20
Safety and Wellbeing	20
TOTAL MARKS AWARDED	100

Associate Examination B: Operations

Subject	Total Marks
Multi Choice	20
Fireground Operations	20
Fire Science	20
Fire Investigation	20
Fire Risk Management	20
TOTAL MARKS AWARDED	100

Learning Outcomes

Studying for this unit provides the opportunity to develop knowledge in applied operational aspects of firefighting activities and techniques. Candidates who achieve this examination should be able to:

- Identify and describe firefighting equipment and the relevant uses and tasks for this equipment
- Interpret fire behaviour and apply relevant methods of extinguishing fire based on the situation
- Demonstrate good professional practice relevant to firefighting operations
- Identify deficiencies and assist with ensuring that a safe working environment is provided during firefighting operations
- Describe fundamental aspects of scene preservation and basic fire investigation techniques
- Describe fundamental aspects of community risk management and reduction activities

Learning outcomes will be realized through self-directed learning and study, supported by access to online resource material.

Study Material

The examination resources list covers the topics likely to be included in the examination.

The reference material is drawn from Firenet and may be located by using the search function within each website.

Pass Mark

60% or 90 marks are required to pass.

Examination resources – Associate Examination A: On Station

Subject	Topic	Reference Material
Station Management	Operational References	Drill Procedure Forced Entry Procedure Positive Pressure Ventilation Technical Manual – Section 2: Operations Uniform and PPE Manual Respiratory Protection Equipment
Equipment	Equipment	Hose Technical Manual Land Mobile Radio Communications Procedure Pump Operation Technical Manual – Section 13: Portable Pumps Communicate in the Outdoors Using Two-way Radio Dry Firefighting Techniques – Use of Hand Tools Use of Water and Additives
First Aid	First Aid	First Aid Technical Manual
Safety and Wellbeing	Fireground Safety	Operational Safety Electrical Safety

Examination Resources – Associate Examination B: Operations

Subject	Topic	Reference Material
Fireground Operations	Controlled Burns in Rural Areas Operational Tasks Hazardous Materials	Controlled Burn Safety Precautions Establish and Deliver Water Supplies Using Light Pumps Load Water and Additives for Aerial Operations Hazmat Action Guide Hazmat Technical Manual – Appendix A: Science Motor Vehicle Crash Technical Manual: Section 1 – Scene Management
Fire Science	Principles of Fire Science Ventilation	Introduction to Fire Behaviour Fire Science and Ventilation <ul style="list-style-type: none"> • Section 1: Principles of Fire Science • Section 3: Ventilation
Fire Investigation	Principles of Fire Investigation	Fire Investigation and Reporting Procedure Scene Preservation
Fire Risk Management	Built Environment Community Initiatives	Building Construction Community Education Community Fire Risk Management