



SECTION SIX
SYLLABUS AND BIBLIOGRAPHY
FOR THE
LEADING FIREFIGHTERS'
PRACTICAL TEST

For the Year 2004

Issued May 2003

INTRODUCTION

This Study Guide specifies the syllabus for the Leading Firefighters' Practical Test and identifies the bibliography that the Fire Services Examinations Board uses in relation to the Tests.

- (a) The Study Guide is issued each year and is clearly marked on the front cover with the examination year to which it applies.
- (b) Candidates should ensure that they are using the appropriate edition.
- (c) It is possible that new Fire Service Manuals etc are issued after the publication of the Study Guide. This does not matter, as the practical tests will only be based on technical or reference material that has been published nine months prior to the examination. The Study Guide is therefore the definitive source of study for the Practical Test.

STUDY GUIDE - Leading Firefighters Practical Test

Section A - The Standard Drill

A practical test of ability to conduct a standard drill from the Fire Service Training Manual including the ability to give detailed instructions to, and monitor the performance of, a crew undertaking such a drill.

Candidates will be expected to show their powers of command and leadership by assembling the crew correctly, explaining the purpose of the drill, allocating tasks, controlling the conduct of the drill, the make-up of the drill and de-briefing the crew.

Each year the Senior Examiner will select any FIVE of the thirteen drills listed below, and the list of these five drills will be published within the candidate's brigade on 1 December each year prior to the tests.

The drill will be from one of the following:

| | | |
|--------------|-----|---|
| Pump Drill | P5 | To get a pump to work from a hydrant using soft suction with a crew of four. (one delivery) |
| Pump Drill | P6 | To get a pump to work from a hydrant using soft suction with a crew of five. (two deliveries) |
| Pump Drill | P8 | To get a pump to work from open water with a crew of four. (one delivery) |
| Pump Drill | P9 | To get a pump to work from open water with a crew of five. (two deliveries) |
| Pump Drill | P11 | To get a portable pump to work from open water with a crew of five. (two deliveries) |
| Ladder Drill | L1 | To slip and pitch a 9m and 10.5m ladder with a crew of Four. |
| Ladder Drill | L3 | To slip and pitch a 13.5m ladder with a crew of four. |
| Ladder Drill | L4 | To slip and pitch a 13.5 ladder over an obstruction with crew of five. |
| Ladder Drill | L5 | To pitch a 13.5m ladder in a restricted space with a crew of four. |
| Foam Drill | F1 | To get a foam making branch to work with a crew of four. |
| Foam Drill | F2 | To get an inline foam generator (FG-5A) to work with a crew of five. |
| Foam Drill | F3 | To get a foam generator (FG-10) to work with a crew of five. |
| Foam Drill | F4 | To get a variable inductor and Number 10 foam branchpipe to work with a crew of five. |

Bibliography

Candidates will be expected to conduct the drill in accordance with the principles contained within the Fire Service Manual Volume 4 – Fire Service Training, and in particular the following sections:

The words of command 3.7.3;
Marshalling vehicles 3.9;
Fire Service signals 3.10;
Emergency arrangements 3.11;
Pump drills 4.5;
Ladder drills 4.6; and
Foam drills 4.7

Section B - The Fireground Procedure Test

An exercise in fireground procedure and control.

This is a practical test of the candidate's ability to deal with an operational situation.

A problem will be set depicting a fire or rescue situation at which the candidate arrives as the officer-in-charge of either the only attendance or the first of two appliances, the second of which will not arrive for 15 minutes. Candidates will be required to take charge of the situation, lead and command the work of a crew, deploy the appliance and equipment, and send appropriate messages.

Bibliography

Fire Service Manual Volume 4 – Fire Service Training

Fire Service Manual Volume 4 – Fire Service Training, Appendix 2, Fireground Communications

Fire Service Manual Volume 2 – Fire Service Operations, Incident Command, Section 3.3

Manual of Firemanship Book 11, Part 3 (Chapter 8 – Sections 1, 2, 3 and 4(a));

Manual of Firemanship Book 12, Part 1 (Chapter 3 – Sections 6, 7, 8 and 9).

Section C - The Equipment Test

A practical test of knowledge and understanding of an item of Fire Service equipment and of the ability to instruct others on such matters.

The candidate will be required to give an instructional talk of 15 - 20 minutes duration relating to the design, use, disadvantages and limitations of ONE item of fire service equipment.

Following the presentation the examiners will ask the candidate questions about the item of equipment.

EIGHT items of equipment in general use throughout the fire service will be specified by the Board each year. From these EIGHT items the Senior Examiner of the local examinations board will select THREE items of equipment known to be available within the candidate's brigade.

The list of the THREE items will be published within the candidate's brigade on the 1 December each year prior to the tests.

The item on which the candidate will be required to give the instructional talk will be selected from these THREE items and notified to the candidate immediately before this section of the practical test.

Bibliography

Relevant sections of the Manuals of Firemanship, Fire Service Manual Volume 4 – Fire Service Training, Technical Bulletins and relevant publications issued by brigades and/or Local Examination Boards.