



2006 EXAMINATIONS

UNIT 8

FIRE SAFETY

Saturday 2nd September 2006

THIRD SESSION 1500 to 1700 hours

Ten Minutes are allowed to read through this paper.

Candidates are to **attempt any five questions.**

All questions carry equal marks and may be answered in any order.

Ink or ballpoint pens are to be used for all written work.

Pencil may be used for diagrams or sketches.

All working must be shown.

Marks may be deducted for untidy work.

Spare paper can be obtained from the invigilator if required

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Candidate Number		

QUESTION 1

List the missing word(s) or phrase to complete the following:

a. When inspecting a building for the purpose of pre-fire planning as described in Section 29 of The Fire Services Act 1975 Personnel inspecting the building must be authorised in writing by either the

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b. Occupancies or storage situations where the combustibles will produce rapid and intense burning fires requiring higher densities than those of an ordinary hazard are referred to as

c. Plastics can be either.....which will not soften on heating to a temperature below their decomposition temperature, or

.....; which will soften on the application of heat.

d. Sprinkler systems can fall into two categories. They are:

systems and systems.

e. An reaction is defined as a chemical change accompanied by a liberation of heat.

f. Spalling or fire crazing of glass in windows is created by rapid usually created by the application of

g. is the relative density of a vapour or gas compared with air.

h. Part II: Section of the Act 1975 states that "It shall be a matter of prime importance for the Commission to take an active and co-ordination role in the promotion of fire safety in New Zealand."

QUESTION 2

Describe either in words or with the aid of a labelled diagram the following terms relevant to windows.

Jamb

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Sliding Sash Window

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~continued overleaf~

Casement Window

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Fanlight

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Mullion

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QUESTION 3

National Commander's instruction No 56 describes when a Fire safety officer or technical fire safety specialist must be called. List any five.

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QUESTION 4

The New Zealand Fire Service has several core messages in its Fire Safety Strategy. List four and discuss how you could possibly pass these messages to the public in a day to day manner.

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QUESTION 5

You are asked by a local community group to give a brief talk on winter fire safety. List ten (10) points you would include in your presentation.

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Question 6

Regulation 4 of The Fire Safety & Evacuation of Buildings Regulations describes the obligation of the building owner with respect to the Management of the means of escape from a building.

Describe four points covered in this regulation.

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