



SHROPSHIRE

Fire and Rescue Service

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**BRIGADE ORDER
OPERATIONS
NO. 9**

PART 1

**CONSTRUCTION
OF BUILDINGS**

BRIGADE ORDER OPERATIONS NO. 30

PART 1 - CONSTRUCTION OF BUILDINGS

INTRODUCTIO

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- 1 Firefighters must have a good working knowledge of buildings, the way they are constructed, and the materials from which they are built.
- 2 The methods of construction used in a building can have a major effect on the way a fire may spread within it. The materials used can also make a dramatic difference to the way a fire develops and can dictate whether the occupants can safely escape, and whether firefighters can deal quickly with any outbreak of fire.
- 3 Some materials weaken in heat, some disintegrate. Some give off toxic fumes some fail without warning. These, and the many other characteristics can create conditions of serious risk to the firefighter.
- 4 This Part of the Order is intended to provide a reference point for types of construction, elements of construction and materials used in buildings in everyday use. The Order will continue to grow as new building construction methods and new materials develop.