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Nota di contenuto	EVALUATION OF FIRE SAFETY; CONTENTS; Preface; PART I STRUCTURE OF THE FIRE PROBLEM; 1 The place of fire safety in the community; 2 The fire safety system; 3 Review of some major fire & explosion disasters; 4 Requirements from public and private authorities for fire safety; PART II QUANTIFYING FIRE SAFETY; 5 Physical data; 6 Sources of statistical data; 7 Occurrence and growth of fire; 8 Life loss; 9 Property damage; 10 Performance of fire safety measures; PART III METHODS OF MEASURING FIRE SAFETY; 11 Deterministic fire safety modeling; 12 Model Validation; 13 Point systems – a single index 14 Logic trees15 Stochastic fire risk modeling; 16 Fire safety concepts tree and derivative approaches; 17 Fire safety assessment in the process industries; Index;
Sommario/riassunto	Fire safety is a major concern in many industries, particularly as there have been significant increases in recent years in the quantities of

hazardous materials in process, storage or transport. Plants are becoming larger and are often situated in or close to densely populated areas, and the hazards are continually highlighted with incidents such as the fires and explosions at the Piper Alpha oil and gas platform, and the Enschede firework factory.
