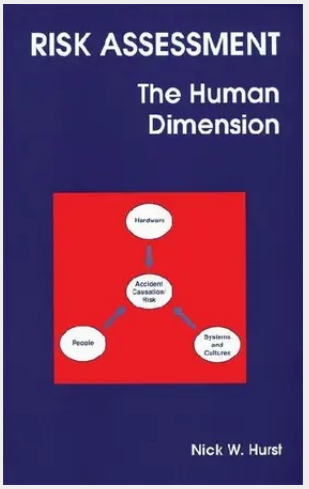
Hurst

Risk Assessment

The Human Dimension



Risk Assessment: The Human Dimension begins by looking at quantified risk assessment and considers, by using case studies, how accident causation can be considered from the three main perspectives of hardware failures, human error and failures of systems and cultures. The book then goes on to place risk assessment firmly within the broader context of the current, controversial debate concerning risk issues and the nature of risk. It addresses these issues mainly from the perspective of the chemical and process industries by looking at the process of risk assessment, its strengths and weaknesses and attempts to reconcile the human dimensions of risk assessment with the need for science and objectivity in risk-based decision making. Designed to be accessible to a wide range of disciplines, and enjoyable to the reader, Risk Assessment: The Human Dimension is broadly based and rooted in the author's practical experience of both risk assessment and organizations and how they function. With diagrams, summary and discussion sections in each chapter, this book will prove invaluable for the insights given in this increasingly important area.

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