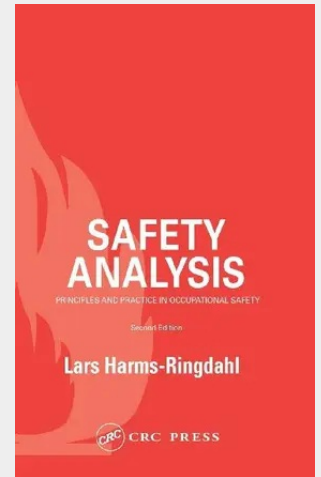


Safety Analysis

Principles and Practice in Occupational Safety

Safety analysis can be applied as a practical tool in occupational safety. It has three main elements: the identification of hazards, the assessment of risks that arise, and the generation of measures to increase the level of safety. A number of simple methods are described that can be used in industry and the workplace, such as deviation analysis, energy analysis and job safety analysis, which address risks in ordinary workplaces. For special cases, more technically oriented methods are presented, such as fault tree analysis, event tree analysis, and HAZOP. The book describes a number of other methods and compares their features. These methods are set out in a step by step manner and practical advice is given on how to perform an analysis. Cost-benefit considerations and other useful background information, such as types of results which can be obtained, are also given.

Safety analysis has three main elements: identification of hazards, assessment of risks that arise, and generation of measures to increase the level of safety. This book describes a number of simple methods that can be used in industry and the workplace. These include deviation analysis, energy analysis, and job safety analysis, and for special cases, the author presents more technical methods, such as fault tree analysis, event tree analysis, and HAZOP. He also describes a number of other methods and compares their features. He describes these methods set step by step, gives practical advice on how to perform the analyses, and includes cost-benefit considerations and other background information.



262,60 €

262,60 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780415236553

Medium: Buch

ISBN: 978-0-415-23655-3

Verlag: CRC Press

Erscheinungstermin: 28.06.2001

Sprache(n): Englisch

Auflage: 2. Auflage 2001

Produktform: Gebunden

Gewicht: 640 g

Seiten: 314

Format (B x H): 161 x 240 mm

