614.852 HAN 2d ed

CONTENTS

1. The scope of occupational safety	1
2. Training in workshops and laboratories in schools, colleges and	
universities	10
3. Communicating the safety message	18
4. Chemical handling	34
5. Ionizing radiation	53
6. Entry into confined spaces	85
7. Fire control:manual	96
8. Fire control: automatic	117
9. Static electricity	132
10. Grinding	147
11. Working with machinery	156
12. Portable electric tools: Safe working	162
13. Welding operations	178
14. Welding operations	186
15. Compressed air	198
16. Steam boilers and pressure vessels	202
17. Manual handling	224
18. Mechanical handling	233
19. Mechanical safety and electrical control gear	251
20. How to minimize fork truck accidents and reduce operating costs	260
21. The construction industry	267
22. Commercial occupations	280
23. Ergonomics	292
24. Atmospheric conditions	300
25. Colour and environment	305
26. Lighting for safety	319
27. Glass as an aid to safety	327
28. Noise	332
29. Eye protection	351
30. Skin care	361
31. Personal protection and equipment	366
32. Respiratory equipment	375
33. Medical services:first-aid and casualty treatment	386
34. Medical services:liaison with the hospital emergency department	398
35. Setting standards for safety	409

. Management responsibilities for safety and health	427
38. Safety administration	442
39. Legal aspects of industrial safety	448
Index	462