

## CONTENTS

The Industrial Safety Movement	1
Safety Organization and Safety inspection	2
Safety Committees	3
Removing the Hazard From the Job	4
Human Behavior and Industrial Safety	5
Safety Training	6
Maintaining Interest in Safety	7
Publicizing Safety	8
Accident Records and Injury Rates	9
Accident Investigation, Analysis, and Costs	10
Workmen's Compensation Insurance	11
Sources of Help for the Safety Man	12
Audio-Visual Aids	13
Industrial Buildings and Plant Layout	14
Building Construction Pressure Vessels	16
Boilers and Unfired Pressure Vessels	16
Manual Handling and Storage of Materials	17
Hoisting Apparatus and Conveyors	18
Elevators and Plant Railways	19
Power Trucks	20
Ropes, Chains, and Slings	21
Principles of Guarding and Transmission Guards	22
Cold Forming of Metals	23
Machine Tools	24
Woodworking Machinery	25
Guarding Equipment in Selected Industries	26
Hot Working of Metals	27
Guarding Equipment in Selected Industries	26
Hot Working of Metals	27
Local Exhaust Systems, General and Comfort Ventilation	28
Welding and Cutting	29
Hand and Portable Power Tools	30
Electrical Hazards	31
Flammable and combustible Liquids	32
Fire Protection	33
Fire Extinguishment and Control	34
Emergency Action Plans	35

Personal Protective Equipment	36
Industrial Sanitation and Personnel Facilities	37
Occupational Health Services	38
Industrial Hygiene	39
Elements of Industrial Toxicology	40
Table of Chemical hazards	41
Ionizing Radiation	42
Industrial noise	43
Motorized Equipment	44
Safety Engineering Tables	45
Alphabetical Index	