

CONTENTS

1. Industrial Buildings and Plant Layout	1
2. Construction and Maintenance of Plant Facilities	33
3. Manual Handling and Material Storage	93
4. Hoisting Apparatus and Conveyors	137
5. Ropes, Chains, and Slings	187
6. Powered Industrial Trucks	221
7. Plant Railways and Elevators	251
8. Principles of Guarding	285
9. Woodworking Machinery	313
10. Metalworking Machinery	341
11. Cold Forming of Metals	367
12. Hot Working of Metals	435
13. Welding and Cutting	479
14. Hand and Portable Power Tools	509
15. Electrical Hazards	543
16. Flammable and Combustible Liquids	577
17. Fire Protection	615
18. Boilers and Unfired Pressure Vessels	699
19. Safety Engineering Tables	719
Conversion of Units	741
Index	749