

CONTENTS

1. SUGAR	1
2. MEASUREMENT	14
3. CHEMISTRY	45
4. SUGAR ANALYSIS	65
5. HEAT AND STEAM	77
6. STEAM BOILERS	96
7. ELECTRICITY-PRODUCTION	120
8. ELECTRICITY-USE	149
9. PUMPS	181
10. CENTRIFUGAL MACHINES	214
11. VACUUM PANS	244
12. EVAPORATORS	284
13. FILTRATION	295
14. CHAR	315
15. RECOVERY	349
16. THE SUGAR BALANCE	362
17. DRYING, RIDDLING, COOLING, PACKING	402
18. HANDLING AND STORING	416
19. SPECIALITIES	462
20. THE HEAT BALANCE	474
21. LOSSES, SAVINGS AND CONTROL	519
22. THE PLANNING AND INTERPRETATION OF EXPERIMENTS	539
23. COMMERCIAL	581
24. SUGAR	617