



TABLE OF CONTENTS

3	Preliminary remarks
5	Chapter 1 “SI” International system of units
9	Chapter 2 Atmosphere - Air
11	Chapter 3 Atmospheric pressure
15	Chapter 4 Pressure measuring instruments
17	Chapter 5 Physics of gases
21	Chapter 6 Pressure
23	Chapter 7 Flow rate of gases
27	Chapter 8 Pneumatics
29	Chapter 9 Producing compressed air
37	Chapter 10 Compressed air distribution network
43	Chapter 11 Compressed air treatment and use
69	Chapter 12 Fittings, tubes and quick couplings
71	Chapter 13 Pneumatic working unit
107	Chapter 14 Directional control valves
139	Chapter 15 Auxiliary valves
145	Chapter 16 Serial systems
157	Chapter 17 Hydraulic control systems
161	Chapter 18 Sealing elastomers and gaskets
165	Chapter 19 Vacuum
173	Chapter 20 Proportional regulators
181	Chapter 21 Circuit methods
205	Chapter 22 Complementary circuits
209	Chapter 23 Use, maintenance and pneumatic symbols