

CONTENTS

EDRTORS' PREFACE	vii
FOREWORD	ix
PLEASE READ THIS	xi
Chapter 1. Introduction	1
PART I. HIGH EXPLOSIVES	
Chapter 2. General Principles	15
3. Military High Explosives	33
4. Manufacture of Commercial Explosives	40
5. Design of Commercial Explosives	52
6. Assessment of Explosives	65
7. Permitted Explosives	81
PART II. BLASTING ACCESSORIES	
Introduction	101
Chapter 8. Initiating Explosives	103
9. Plain Detonators	108
10. Electric Detonators	115
11. Delay Detonators	125
12. Detonating Fuse	131
13. Safety Fuse	136
PART III. APPLICATION OF HIGH EXPLOSIVES	
Chapter 14. Commercial Applications	145
15. Military Applications	165
PART IV. DEFLAGRATING AND PROPELLENT EXPLOSIVES	
Introduction	175
Chapter 16. Blackpowder	176
17. Manufacture of Propellants	181
18. Properties of Propellants	191
19. Design and Application of Propellants	198
Glossary of Common terms and Abbreviations	213
Index	219