

CONTENTS

	Page
CHAPTER 1	
Purpose and Kinds of Testing	1
CHAPTER 2	
Tension Testing Machines	12
CHAPTER 3	
Hardness Testing	30
CHAPTER 4	
Other Mechanical Tests	55
CHAPTER 5	
Nondestructive Testing	84
CHAPTER 6	
Macroscopic Testing	105
CHAPTER 7	
Microscopic Investigation	114
CHAPTER 8	
Pyrometry	139
CHAPTER 9	
Heat Treating Equipment	178
CHAPTER 10	
Prepared Atmospheres for heat Treatment	199
CHAPTER 11	
Corrosion Testing	207
CHAPTER 12	
Miscellaneous Testing	218