LOCOMOTIVE FIREBOX STAYS

HENRY WIGGIN & CO., LTD. WIGGIN STREET • BIRMINGHAM • 16

CONTENTS

	Page	
Introduction	7	
Essential Requirements in Staybolt Materials	5 7	
LOCOMOTIVE FIREBOX STAYS Classification of Stays Methods of Fitting Stays	11 12 14	
FIREBOX PLATE AND STAYBOLT CALCULATIONS Firebox Plate Staybolt	22 22 23	
Materials for Locomotive Fireboxes Inner Firebox Plate Materials Monel as a Staybolt Material	27 27 28	
CORROSION Factors Affecting Corrosion Galvanic Corrosion Corrosion-Fatigue	34 34 37 38	
Machining Monel Staybolts General Equipment Tool Steel Tool Design Cutting Compounds	41 41 41 41 42 51	
Details of Two Machine Tools	51	