

Railway rolling stock materials —

Part 4: Specification for forged and rolled tyres

Confirmed
March 2010

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Iron and Steel Standards Policy Committee (ISM/-) to Technical Committee ISM/69, upon which the following bodies were represented:

British Railways Board
British Steel Industry
London Underground Ltd.
Ministry of Defence
Railway Industry Association of Great Britain

This British Standard, having been prepared under the direction of the Iron and Steel Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 November 1992

© BSI 06-1999

First published May 1986
Second edition November 1992

The following BSI references relate to the work on this standard:
Committee reference ISM/69
Draft for comment 91/37393 DC

ISBN 0 580 20533 9

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
Foreword	ii
<hr/>	
1 Scope	1
2 Information to be supplied by the purchaser	1
3 Classification and heat treatment	1
4 Manufacture	2
5 Manufacturer's brand marks	3
6 Inspection	5
7 Type and number of tests	5
8 Test methods	9
9 Test results	10
10 Conclusion of inspection	10
11 Certification	10
12 Protection in transport	10
<hr/>	
Figure 1 — Keys to the symbols used in Table 4	4
Figure 2 — Position of brand marks on tyres	5
Figure 3 — Position of tensile and impact test pieces	7
Figure 4 — Position of the impact test pieces	8
Figure 5 — Position of the Brinell hardness indentations	9
<hr/>	
Table 1 — Chemical composition	1
Table 2 — Permitted variations of product analysis from the specified range for significant elements	2
Table 3 — Heat treatment condition and mechanical properties	3
Table 4 — Dimensional rolling tolerances relative to nominal finished sizes	3
Table 5 — Type and number of tests	6
<hr/>	
Publication(s) referred to	Inside back cover
<hr/>	