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+ 3 amendments
Committee Room 8

BRITISH STANDARD 24: PART 2: 1942

Amended by 1956 issue

TYRES

RAILWAY
ROLLING STOCK
MATERIAL

BRITISH STANDARDS INSTITUTION

C.F. (ME) 8755
Formerly C.F. (ME) 5996 of May, 1940
January, 1942

BRITISH STANDARDS INSTITUTION BRITISH STANDARD SPECIFICATIONS FOR RAILWAY ROLLING STOCK MATERIAL LOCOMOTIVE, CARRIAGE AND WAGON TYRES

B.S. 24 : Part 2 : 1941

WAR EMERGENCY REVISION

Owing to the present comparative scarcity of raw materials sufficiently low in sulphur and phosphorus for the production of steel to comply with the limits laid down in B.S. Specification No. 24: Part 2: 1941, the following amendments are hereby made:

SPECIFICATION No. 4 : 1941. LOCOMOTIVE TYRES (WITH ANALYSIS)

Clause 1. Quality of Material. The maximum percentage of sulphur and of phosphorus to be 0.05 in place of 0.04.

SPECIFICATION No. 5 : 1941. CARRIAGE AND WAGON TYRES (WITH ANALYSIS)

Clause 1. Quality of Material. The maximum percentage of sulphur and of phosphorus to be:

- Classes B and C tyres : 0.06 in place of 0.05
- Classes D and E tyres : 0.05 in place of 0.04

SPECIFICATION No. 5a : 1941. CARRIAGE AND WAGON TYRES

Clause 1. Quality of Material. The maximum percentage of sulphur and of phosphorus in tyres made by the basic open hearth process to be 0.06 in place of 0.05.

[B.S. 24: Part 2: 1941, p. 5]

CF (ME) 9757
(Superseding CF (ME) 8755 and
CF (ME) 6926)

Amendment No. 3. March, 1942

to

B.S. 24 : Part 2 : 1942

War Emergency Revision

Owing to the scarcity of raw materials a further departure from Specifications Nos. 4 and 5 is permitted as a War Time measure allowing the use of basic open hearth steel where acid open hearth steel was previously specified.

The alterations set out below are made to give effect to the above decision and previous war emergency modifications.

SPECIFICATION No. 4, 1942

LOCOMOTIVE TYRES (WITH ANALYSIS).

Clause 1. Quality of Material.

The second paragraph of the clause to be amended to read as follows:

The ingots shall be made by the acid or basic open hearth or the electric process and the tyres shall show on analysis not more than 0.05 per cent sulphur or phosphorus.

SPECIFICATION No. 5, 1942

CARRIAGE AND WAGON TYRES (WITH ANALYSIS)

Clause 1. Quality of Material.

The second paragraph to be amended to read as follows:

The ingots shall be made by the acid or basic open hearth or

the electric process and the tyres shall show on analysis not more than the following limits of sulphur or of phosphorus.

Steel made by the acid open hearth or electric process not more than 0.06 per cent of sulphur or of phosphorus for Classes B and C tyres and not more than 0.05 per cent of sulphur or of phosphorus for Classes D and E tyres.

Steel made by the basic open hearth process not more than 0.06 per cent of sulphur or of phosphorus for Classes B, C and D tyres and not more than 0.05 per cent of sulphur or of phosphorus for Class E tyres.

SPECIFICATION No. 5a, 1942

CARRIAGE AND WAGON TYRES

Clause 1. Quality of Material.

The maximum percentage of sulphur or of phosphorus in tyres made by the basic open hearth process to be 0.06 in place of 0.05.

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CO-OPERATING ORGANISATIONS

The Mechanical Industry Committee under whose supervision this British Standard was prepared consists of representatives from the following Government Departments, Professional Institutions and Scientific and Industrial Organisations:

- *Admiralty.
- *Crown Agents for the Colonies.
- Department of Scientific and Industrial Research.
- *High Commissioner for India.
- Home Office.
- Ministry of Works and Buildings.
- *Ministry of Transport.
- *War Office.
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- Association of Consulting Engineers (Incorporated)
- British Chemical Plant Manufacturers' Association.
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- Institution of Production Engineers.
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- Machine Tool Trades Association.
- *Railway Companies of Great Britain.

The Government Departments and Scientific and Industrial Organisations marked with an asterisk in the above list, together with the following, were directly represented on the Committee entrusted with the preparation of this British Standard:

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- High Commissioner for the Union of South Africa.
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- Institution of Locomotive Engineers.
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- Steel Castings Manufacturers' Association.
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