

**Please be aware that this PDF has been created from the original hardcopy document, which might not be in good condition and so the PDF might reflect this.**



+ 2 amendments

Committee Room B

BRITISH STANDARD 24: PART 1: 1941

*Superseded by 1956 issue*

# AXLES

RAILWAY  
ROLLING STOCK  
MATERIAL

BRITISH STANDARDS INSTITUTION

CF (ME) 9756  
(Amplifying CF (ME) 9022)

**Amendment No. 2. March, 1942**

to

B.S. 24 : Part 1 : 1941

**War Emergency Revision**

**SPECIFICATION No. 2, 1942**

**LOCOMOTIVE STRAIGHT AXLES (WITH ANALYSIS)**

A further departure from the above specification is permitted as a War Time measure, allowing the use of basic open hearth steel where acid open hearth steel was previously specified.

The following amendment to the War Emergency Revision Slip CF (ME) 9022 in so far as it applies to Specification No. 2 is therefore made :

*Clause 1. Quality of Material.* The first paragraph of the clause to be amended to read as follows :

'The axles shall be manufactured from high quality steel made by the acid or basic open hearth or the electric process and shall show on analysis not more than 0.05 per cent of sulphur or of phosphorus.'

**AMENDMENT TO SLIP CF (ME) 9022**

*Specification No. 3. Revision of Clause 1. Quality of Material.*  
*Line 3.*

The words 'or the electric' to be inserted before the word 'process.'

[B.S. 24 : Part 1 : 1941, p. 5]

C.F. (ME) 9022

December, 1941

**BRITISH STANDARDS INSTITUTION**

**BRITISH STANDARD SPECIFICATIONS FOR**

**RAILWAY ROLLING STOCK MATERIAL**

**LOCOMOTIVE, CARRIAGE AND  
WAGON AXLES**

B.S. 24 : Part 1 : 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 1 : 1941, the following amendments are hereby made :

**SPECIFICATION No. 1 : 1941. LOCOMOTIVE CRANK AXLES (WITH ANALYSIS)**

**SPECIFICATION No. 2 : 1941. LOCOMOTIVE STRAIGHT AXLES (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. 2a : 1941. LOCOMOTIVE STRAIGHT AXLES**

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

**SPECIFICATION No. 3 : 1941. CARRIAGE AND WAGON AXLES (WITH ANALYSIS)**

*Clause 1. Quality of Material.* To read :

'The axles shall be manufactured from the highest quality of steel made from the best selected material by the acid or basic open hearth process and shall not show on analysis more than 0.06 per cent of sulphur or of phosphorus.'

**SPECIFICATION No. 3a : 1941. CARRIAGE AND WAGON AXLES**

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

[B.S. 24—Part 1—1941, p. 5]