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BRITISH STANDARD SPECIFICATION FOR GIRDER BRIDGES

PARTS 1 & 2

(REVISED MAY 1933)

1. MATERIALS
2. WORKMANSHIP

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This Specification having been approved by the Public Works Industry Committee and endorsed by the Chairman of the Engineering Divisional Council, was published by the authority of the General Council as a British Standard on 15th May, 1933.

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FOR

GIRDER BRIDGES.

PARTS 1 & 2.

(REVISED MAY, 1933.)

1. MATERIALS.
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NOTE.—*The Institution desires to call attention to the fact that this Specification is intended to include the technical provisions necessary for the supply of the material herein referred to, but does not purport to include all the necessary provisions of a Contract. Certain of the clauses provide alternative courses or methods, and in inviting tenders under the Specification the Engineer (or the Purchaser) should specify which course or method is to be adopted in each case.* (*See Appendix, page* 19.)

BRITISH STANDARD SPECIFICATION

FOR

GIRDER BRIDGES.

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(REVISED MAY, 1933.)

PART 1. MATERIALS.

PART 2. WORKMANSHIP.

The figures in British measures are to be regarded as the Standard. Approximate metric equivalents are given for the convenience of users in countries in which the metric system has been generally adopted.

PART 1. MATERIALS.

Structural, Bolt and Rivet Steel.

1. All structural, bolt and rivet steel shall comply with the British Standard Specification for Structural Steel for Bridges and General Building Construction (No. 15), except that where any structural steel is permitted to be cold pressed, such steel shall have a tensile breaking strength of from 25 to 30 tons (56,000 to 67,200 lb.) per square inch (39·37 to 47·25 kg. per mm².) with an elongation on a Standard test piece having a gauge length of eight (8) inches of not less than 23 per cent.

Steel for Castings.

2. All steel for castings shall comply both as regards quality and tests with the British Standard Specification for Steel Castings for Marine Purposes, Grade ~~B~~ (No. 30). BS.592-1950

Steel for Pins (including Knuckle Pins) and Rollers.

3. Steel for pins and rollers shall comply with the British Standard Specification for Ingot Steel Forgings for Marine Purposes (No. 29).

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