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No. 15—1936.

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British Standards Institution
Incorporated by Royal Charter.

FORMED IN 1901 AS THE ENGINEERING STANDARDS COMMITTEE
INCORPORATED IN 1918 AS THE BRITISH ENGINEERING STANDARDS ASSOCIATION.

Superseded by 1948 issue

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CE(1S)7376
CE(PW)6853

BRITISH STANDARD
SPECIFICATION

FOR

STRUCTURAL STEEL

FOR

BRIDGES, ETC., AND
GENERAL BUILDING CONSTRUCTION.

(REVISED FEBRUARY, 1936.)

LONDON:

PUBLISHED BY THE BRITISH STANDARDS INSTITUTION,

PUBLICATIONS DEPARTMENT,

28, VICTORIA STREET, LONDON, S.W. 1.

Telegrams: Standards, Sowest, London.

February, 1936.

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GENERAL BUILDING CONSTRUCTION

(B.S. 15—1936.)

WAR EMERGENCY REVISION.

Page 5, Clause 1.—Process of Manufacture.—This Clause to be amended to read as follows :—

“ No. 1 Quality Steel shall be made by the Open Hearth Process (Acid or Basic) or the Acid Bessemer Process unless one of these processes is specially required or specified, and shall not show on analysis more than 0·06 per cent. of sulphur or of phosphorus.

“ No. 2 Quality (Copper Bearing) Steel shall conform to the above specification for No. 1 Quality Steel, but shall in addition contain copper within one of the following limits, as may be specified :

(a) 0·20 to 0·35 per cent.

or (b) Over 0·35 to 0·50 per cent.

The quality of the steel required shall be stated in the enquiry or order.”

[B.S. 15—1936, P. 5]

C.E. (PW) 6853.

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GENERAL BUILDING CONSTRUCTION
(B.S. No. 15—1936.)

REVISION.

A separate B.S. Specification for Rolled Steel Bars and Hard Drawn Steel Wire for Concrete Reinforcement (B.S. No. 785—1938) having been issued, B.S. Specification No. 15—1936 is hereby amended as follows:—

Clause 5 (b), page 7:—

Lines 25–27.—Delete “For bars under 0.375 inch diameter or thickness for concrete reinforcement the elongation measured on test piece B shall be not less than 16 per cent”.

Line 28.—Delete “for other purposes”.

Page 15.—Delete “NOTE.—Hard drawn steel Wire for concrete re-inforcement is dealt with in British Standard Specification No. 165.”

[B.S. No. 15—1936, p. 5.]

The Public Works Industry Committee under whose supervision this Specification was prepared consists of nominees from the following Government Departments and Scientific and Industrial Organisations:—

- | | |
|---|---|
| *War Office. | *Institution of Municipal and County Engineers. |
| *Crown Agents for the Colonies. | Institution of Petroleum Technologists. |
| *High Commissioner for India. | *Institution of Structural Engineers. |
| Ministry of Health. | Institution of Water Engineers |
| *Ministry of Transport. | Iron and Steel Institute. |
| *H.M. Office of Works. | Municipal Tramways and Transport Association. |
| Asphalt Roads Association. | National Federation of Clay Industries. |
| Association of Consulting Engineers. | National Federation of Granite and Roadstone Quarry Owners. |
| *Bridge and Constructional Iron-work Association. | Public Works Contractors' Association. |
| *British Iron and Steel Federation. | *Railway Companies of Great Britain. |
| British Road Tar Association. | Tramways, Light Railways and Transport Association. |
| British Waterworks Association. | |
| Cement Makers' Federation. | |
| County Surveyors' Society. | |
| Federation of Civil Engineering Contractors. | |
| *Institution of Civil Engineers. | |
| Institution of Gas Engineers. | |

The Government Departments and Scientific and Industrial Organisations marked with an asterisk in the above list, together with the following, nominated members to serve upon the Committees entrusted with the preparation of this Specification:—

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|---|--|
| Admiralty. | Iron and Steel Wire Manufacturers' Association. |
| Air Ministry. | London County Council. |
| Home Office. | National Association of Iron and Steel Stockholders. |
| British Steelwork Association. | Royal Institute of British Architects. |
| Iron and Steel Trades Employers' Association. | |

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 3rd February, 1936.

NOTE.

In order to keep abreast of progress in the Industries concerned, the British Standard Specifications are subjected to periodical review.

Suggestions for improvements, addressed to the Director, British Standards Institution, 28, Victoria Street, London, S.W.1, will be welcomed at all times. They will be recorded, and in due course brought to the notice of the Committees charged with the revision of the Specifications to which they refer.

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