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SPECIFICATION FOR CAST MANHOLE COVERS, ROAD GULLY GRATINGS AND FRAMES

FOR DRAINAGE PURPOSES

BS 497:1967

BRITISH STANDARDS INSTITUTION INCORPORATED BY ROYAL CHARTER BRITISH STANDARDS HOUSE, 2 PARK ST., LONDON, W.1 TELEGRAMS: STANDARDS LONDON WI TELEPHONE: MAYFAIR 9000

Price 20/- riet



Page 5 loading test compliance and **DLE COVERS AND FRAMES** Grade B (medium duty) SPECIFICATION and workmanship CONTENTS **1. GENERAL** nizations ating nits

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11 GRATINGS, COVERS AND FRAMES 11 11 ND TABLES OF DIMENSIONS

14-15 16-17 12-13 Gr? de A (heavy duty) double Grade A (heavy duty) double Grade A (heavy duty) single triangular cover and frame triangular cover and frame triangular ventilating cover circular cover and frame Grade B (medium duty) and frame

18-19 rectangular cover and frame 20-21 45

* Tables of approximate metric equivalents are also provided.

Weights of units Loading test

A. , PA

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Fig. 17. Typical diagram of measuring bridge

APPENDICES

Fig. 16. Method of using measuring bridge

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straight bar double triangular straight bar gully grating and straight bar double triangular Grade C (light duty) double seal recessed type inspection seal recessed type inspection Grade C (light duty) double storm bar gully grating and Grade C (light duty) single Grade C (light duty) single frame for gradients under gully grating in cast steel with cast iron frame Fig. and Table 14. Grade E kerb type gully Grade E (medium duty) gully grating and frame Grade E (medium duty) seal flat type inspection scal flat type inspection frame for gradients of Grade D (heavy duty) Grade D (heavy duty) Fig. 15. Detail of keyholes and keys for Grades A, B, C and E covers 1 in 50 and steeper cover and frame in cast iron 1 in 50 Fig. and Table 10. Fig. and Table 13. Fig. and Table 12. Fig. and Table 11. Fig. and Table 9. Fig. and Table 6. Fig. and Table 8. Fig. and Table 7.

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-operating org	Scope Materials Manufacture Dimensions Weights of u Protective cc Sampling for cost of tests	Loading test Inspection 0 Certificate 1 Marking 2. MANH Grades Types Test loads	Grades Types Test loads 4. FIGURES 4. and Table 1.	, and Table 3. , and Table 4.	s. and Table S.
BS 497 : 1967 Fo	1.1 1.2 1.3 1.4 1.5 1.6 1.7	1.8 1.9 1.10 2.1 2.3 2.3	3.1 3.2 Fig.	н ца ца ца	Fig
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vision, December, 1945. Grey iron castings. revision, July, 1952. First published, July, 1933. First revision, December, 1 Second revision, July, 1952 Third revision, May, 1967. Methods for Carbon steel machines. purposes. institutions. rds. BS 3100. Standar BS 592. similar BS 907 BS 916 BS 145 BS 145 BS 161 BS 497,: 1967 This is a preview. Click here to purchase the full publication.

castings

Steel castings for general engineering purposes. The following BSI references relate to the work on this standard: Committee reference HIB/16 Draft for comment D65 the load verification general Dial gauges for linear measurement. for Black bolts, screws and nuts.

British Standards are revised, when necessary, by the issue either of amenament slips or of revised editions. It is important that users of British Standards should ascertain that they are in possession of the latest amendments or edition. Draft for comment D65/7940 of testing THIS BRITISH STANDARD, having been approved by the Hardware and Ironmongery Industry Standards Committee and endorsed by the Chairman of the Building Divisional Council, was published under the authority of the General Council on 31st May, 1967. In order to keep abreast of progress in the industries con-cerned, British Standards are subject to periodical review. Suggestions for improvements will by recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer. engineering The Institution desires to call attention to the fact that this British Standard does not purport to include all the necessary provisions of a contract. A complete list of British Standards, numbering over 4000, fully indexed and with a note of the contents of each, will be found in the British Standards Yearbook, price 15s. The BS Yearbook may be consulted in many public libraries and This standard makes reference to the following British

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British Lock and Latch Manufacturers' . ssociation

British Plastics Federation

*British Waterworks Association

Copper Development Association

*Greater London Council

Guild of Architectural Ironmongers *Institution of Municipal Engineers

Metal Window Association

Metropolitan Police

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