

No. 110
110
BRITISH STANDARD 249 : 1963
[UDC 669.35'5'4-42]

SPECIFICATION FOR
LEADED BRASS
58 PER CENT COPPER, 3 PER CENT LEAD
RODS AND SECTIONS
(OTHER THAN FORGING STOCK)

BRITISH STANDARDS INSTITUTION

BRITISH STANDARDS INSTITUTION
389, CHANCERY LANE, LONDON, W.C.2

BRITISH STANDARDS INSTITUTION

SPECIFICATION FOR
LEADED BRASS

58 PER CENT COPPER, 3 PER CENT LEAD

RODS AND SECTIONS
(OTHER THAN FORGING STOCK)

B.S. 249 : 1963

Price 4/6 net

BRITISH STANDARDS INSTITUTION

INCORPORATED BY ROYAL CHARTER

BRITISH STANDARDS HOUSE, 2 PARK ST., LONDON, W.1

TELEGRAMS: STANDARDS AUDLEY LONDON TELEPHONE: MAYFAIR 9000

THIS BRITISH STANDARD, having been approved by the Non-ferrous Metals Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 25th June, 1963.

First published, May, 1926.

First revision, May, 1940.

Second revision, January, 1953.

Third revision, June, 1963.

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.

In order to keep abreast of progress in the industries concerned, British Standards are subject to periodical review. Suggestions for improvements will be recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer.

A complete list of British Standards, numbering over 4000, indexed and cross-indexed for reference, together with an abstract of each standard, will be found in the Institution's Yearbook.

This standard makes reference to the following British Standards:

B.S. 18. Methods for tensile testing of metals.

B.S. 1420. Glossary of terms applicable to wrought products in copper, zinc, brass and other copper alloys.

B.S. 1499. Sampling non-ferrous metals.

B.S. 1748. Methods for the analysis of copper alloys.

B.S. 1957. Presentation of numerical values (fineness of expression; rounding of numbers).

British Standards are revised, when necessary, by the issue either of amendment 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 editions.

The following B.S.I. reference relates to the work on this standard:
Committee reference NFE/16

CONTENTS

	Page
Co-operating organizations	4
Foreword	5

SPECIFICATION

1. Scope	7
----------	---

SECTION ONE : GENERAL CLAUSES

2. General	7
3. Definitions	7
4. Freedom from defects	7
5. Dimensions and tolerances	7
6. Selection of test samples	8
7. Mechanical tests (including preparation of test pieces)	8
8. Retests	9
9. Certificate of compliance	9
10. Inspection	9
11. Independent test	9
12. Facilities for testing	10
13. The rounding of numbers rule	10

TABLES

1. Tolerances on round rod	11
2. Tolerances on square rod	12
3. Tolerances on rectangular rod	12
4. Tolerances on hexagon rod	14

SECTION TWO : SPECIFIC CLAUSES

CZ121 LEADED BRASS 58 PER CENT COPPER, 3 PER CENT LEAD

14. General	14
15. Chemical composition	14
16. Condition	14
17. Mechanical properties	14

APPENDIX

Dimensions of tensile test pieces	16
-----------------------------------	----