

Rope rollers, pulleys, mountings and assemblies for colliery track haulage —

Part 2: Specification for vertical spindle pulleys, mountings and assemblies

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Mining and Quarrying Requisites Standards Policy Committee (MQE/-) to Technical Committee MQE/18, upon which the following bodies were represented:

- Association of British Mining Equipment Companies
- British Foundry Association
- British Steel Industry
- Federation of Wire Rope Manufacturers of Great Britain
- Health and Safety Executive
- Institution of Mining Electrical and Mining Mechanical Engineers

This British Standard, having been prepared under the direction of the Mining and Quarrying Requisites Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 May 1990

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Foreword

This Part of BS 3876 has been prepared under the direction of the Mining and Quarrying Requisites Standards Policy Committee (MQE/-) and is a full technical revision of BS 3876-2:1965 which is withdrawn.

The other Parts in the revised edition of BS 3876, are as follows:

- *Part 1: Specification for parallel barrel rollers, mountings and assemblies;*
- *Part 3: (Withdrawn);*
- *Part 4: (Withdrawn);*
- *Part 5: Specification for suspended pulley assemblies and clamps.*

In the revised Parts, the following points should be noted:

- a) tapered rollers, covered in the 1965 edition of Part 2 are now omitted from the revised Part 2;
- b) vertical rollers, which were included in the 1965 edition of Part 2, are now omitted as it is considered the parallel barrel rollers specified in Part 1 can be used in the vertical mode;
- c) horizontal spindle pulleys, covered in the 1965 edition of Part 2, are relocated in Part 5 of the revised edition;
- d) Part 3:1965 has been withdrawn because there is no longer any requirement for rollers with non-metallic rope bearing surfaces;
- e) the requirements for mountings for parallel barrel rollers, previously specified in BS 3876-4:1966, have been revised and incorporated into the expanded edition of Part 1; there is therefore no need for retention or revision of a separate Part 4.

During the revision of this Part of BS 3876 all dimensions have been metricated and these are not necessarily straight conversions from the imperial dimensions previously adopted.

Product certification. Users of this British Standard are advised to consider the desirability of third party certification of product conformity with this British Standard based on testing and continuing surveillance, which may be coupled with assessment of a supplier's quality systems against the appropriate Part of BS 5750.

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Summary of pages

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This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.