BS 7375:2010

BSI Standards Publication

Distribution of electricity on construction and demolition sites – Code of practice

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The following BSI references relate to the work on this standard:
Committee reference PEL/17/3
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Amendments issued since publication

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Summary of pages
This document comprises a front cover, an inside front cover, pages i to ii, pages 1 to 26, an inside back cover and a back cover.

Publishing information

This British Standard is published by BSI and came into effect on 30 April 2010. It was prepared by Subcommittee PEL/17/3, *Low voltage switchgear and controlgear assemblies*, under the authority of Technical Committee PEL/17, *Switchgear, controlgear and HV-LV co-ordination*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

This British Standard supersedes BS 7375:1996, which is withdrawn.

Information about this document

This British Standard is intended to be read in conjunction with the relevant clauses of BS 7671.

This is a full revision of the standard, and introduces the following principal changes:

- updating of references to BS 7671 to take into account the publication of the Seventeenth Edition;
- updating of all other standards references;
- updating of style and structure to conform to current BSI drafting rules.

The use of reduced low voltage systems as recommended in this British Standard has made a major contribution to electrical safety on construction and demolition sites. However, for some site installations, by reason of their siting in relation to the available electricity supply, it might be necessary to use supplies at higher voltage.

Use of this document

As a code of practice, this British Standard takes the form of guidance and recommendations. It should not be quoted as if it were a specification and particular care should be taken to ensure that claims of compliance are not misleading.

Any user claiming compliance with this British Standard is expected to be able to justify any course of action that deviates from its recommendations.

It has been assumed in the preparation of this British Standard that the execution of its provisions will be entrusted to appropriately qualified and experienced people, for whose use it has been produced.

Presentational conventions

The provisions in this standard are presented in roman (i.e. upright) type. Its recommendations are expressed in sentences in which the principal auxiliary verb is “should”.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard gives recommendations for the distribution of electricity on construction and demolition sites, and gives guidance on the application of the requirements of BS 7671 on such sites. It is intended for use by builders, contractors, engineers and others concerned with the provision of electrical installation equipment suitable for individual site conditions.

This British Standard is limited to those supply systems operating at nominal voltages not exceeding 440 V a.c. between conductors, or 250 V a.c. between conductors and earth.

The following are outside the scope of this British Standard:

a) high voltage incoming supplies and equipment;

NOTE 1 For some site installations, supplies at a higher voltage, e.g. 11 kV a.c. and 33 kV a.c., are used.

b) underground mining operations;

c) current-using equipment;

d) output circuits of frequency changers (see Note 2).

NOTE 2 Where high frequency power tools are used, a frequency changer is necessary for their connection to a source of supply. This British Standard is applicable only to the input circuits of such devices.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

Standards publications

BS 4363, *Specification for distribution assemblies for reduced low voltage electricity supplies for construction and building sites*

BS 5378-2, *Safety signs and colours – Part 2: Specification for colorimetric and photometric properties of materials*

BS 5499-1:2002, *Graphical symbols and signs – Safety signs, including fire safety signs – Part 1: Specification for geometric shapes, colours and layout*

BS 5467, *Electric cables – Thermosetting insulated, armoured cables for voltages of 600/1000 V and 1900/3300 V*

BS 6708, *Flexible cables for use at mines and quarries*

BS 6724, *Electric cables – Thermosetting insulated, armoured cables for voltages of 600/1000 V and 1900/3300 V, having low emission of smoke and corrosive gases when affected by fire*

BS 7430, *Code of practice for earthing*

BS 7671:2008, *Requirements for electrical installations – IEE Wiring Regulations – Seventeenth edition*

BS 7919:2001, *Electric cables – Flexible cables rated up to 450/750V, for use with appliances and equipment intended for industrial and similar environments*