

Telecontrol equipment and systems —

Part 2: Operating conditions —

Section 2: Environmental conditions (climatic, mechanical and other non-electrical influences)

The European Standard EN 60870-2-2:1996 has the status of a
British Standard

ICS 33.200

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PEL/57, Power systems control and associated communications, upon which the following bodies were represented:

- BEAMA Metering Association (BMA)
- Building Automation and Mains Signalling Association (BASMA)
- Electricity Association
- Federation of the Electronics Industry
- GAMBICA
- Institution of Electrical Engineers
- Transmission and Distribution Association (BEAMA Ltd.)

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National foreword

This British Standard has been prepared by Technical Committee PEL/57 and is the English language version of BS EN 60870-2-2:1996 *Telecontrol equipment and systems — Part 2: Operating conditions — Section 2: Environmental conditions (climatic, mechanical and other non-electrical influences)*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 870-2-2:1996, published by the International Electrotechnical Commission (IEC).

Cross-references

Publication referred to	Corresponding British Standard
EN 60654-1:1993 (IEC 654-1:1993)	BS EN 60654-1 <i>Industrial-process measurement and control equipment — Operating conditions</i> Part 1:1993 <i>Climatic conditions</i>
IEC 654-4:1987	BS 5967 <i>Operating conditions for industrial-process measurement and control equipment</i> Part 4:1988 <i>Classification of corrosive and erosive environmental conditions</i>
HD 478.2.1 S1 (IEC 721-2-1:1982)	BS 7527 <i>Classification of environmental conditions</i> Part 2 <i>Environmental conditions appearing in nature</i> Section 2.1:1991 <i>Temperature and humidity</i> BS EN 60721-3-1:1993 <i>Classification of environmental conditions</i> Part 3 <i>Classification of groups of environmental parameters and their severities</i>
EN 60721-3-1:1993 (IEC 721-3-1:1987)	Section 3.1:1993 <i>Storage</i>
EN 60721-3-2:1993 (IEC 721-3-2:1987)	Section 3.2:1993 <i>Transportation</i>
EN 60721-3-3:1995 (IEC 721-3-3:1994)	Section 3.3:1995 <i>Stationary use at weatherprotected locations</i>
EN 60721-3-4:1995 (IEC 721-3-4:1995)	Section 3.4:1995 <i>Stationary use at non-weatherprotected locations</i>

This is one of a family of standards being generated and below is a list of the ones that have been published:

International No	British Standards publication
	BS 7404 <i>Telecontrol equipment and systems</i> Part 1 <i>General considerations</i>
IEC 870-1-1:1988	Section 1.1:1991 <i>General principles</i>
IEC 870-1-2:1989	Section 1.2:1991 <i>Guide for specifications</i>
IEC 870-1-3:1990	Section 1.3:1991 <i>Glossary</i>
IEC 870-1-4:1994	Section 1.4:1995 <i>Guide for basic aspects of telecontrol data transmission and organization of standards</i> <i>BS 7404-5 and BS 7404-6</i> BS EN 60870 <i>Telecontrol equipment and systems</i> Part 2 <i>Operating conditions</i>
EN 60870-2-1:1996 (IEC 870-2-1:1995)	Section 2.1:1996 <i>Power supply and electromagnetic compatibility</i>
EN 60870-2-2:1996 (IEC 870-2-2:1996)	Section 2.2:1997 <i>Environmental conditions (climatic, mechanical and other non-electrical influences)</i> BS 7404 <i>Telecontrol equipment and systems</i>
HD 546.3 S1 (IEC 870-3:1989)	Part 3:1991 <i>Specification for interfaces (electrical characteristics)</i>

HD 546.4 S1 (IEC 870-4:1990)	Part 4:1991 <i>Specification for performance</i> BS EN 60870 <i>Telecontrol equipment and systems</i> Part 5 <i>Transmission protocols</i>
EN 60870-5-1:1993 (IEC 870-5-1:1990)	Section 5.1:1994 <i>Transmission frame formats</i>
EN 60870-5-2:1993 (IEC 870-5-2:1992)	Section 5.2:1994 <i>Link transmission procedures</i>
BS EN 60870-5-3:1992 (IEC 870-5-3:1992)	Section 5.3:1992 <i>General structure of application data</i>
EN 60870-5-4:1994 (IEC 870-5-4:1993)	Section 5.4:1994 <i>Definition and coding of application information elements</i>
EN 60870-5-5:1995 (IEC 870-5-5:1995)	Section 5.5:1996 <i>Basic application functions</i>
EN 60870-5-101:1996 (IEC 870-5-101:1995)	Section 101:1996 <i>Companion standard for basic telecontrol tasks</i>
EN 60870-5-102:1996 (IEC 870-5-102:1996)	Section 101:1997 <i>Companion standard for the transmission of integrated totals in electric power systems</i>
IEC 870-6-1:1995	BS 7404 <i>Telecontrol equipment and systems</i> Part 6 <i>Telecontrol protocols compatible with ISO standards and ITU-T recommendations</i> Section 6.1 <i>Application context and organization standards^a</i> BS EN 60870 <i>Telecontrol equipment and systems</i> Part 6: <i>Telecontrol protocols compatible with ISO standards and ITU-T recommendations</i>
EN 60870-6-2:1995 (IEC 870-6-2:1995)	Section 6.2:1996 <i>Use of basic standards (OSI layers 1–4)</i>
EN 60870-6-501:1996 (IEC 870-6-501:1995)	Section 6.501 TASE.1 <i>Service definitions^a</i>
EN 60870-6-502:1996 (IEC 870-6-502:1995)	Section 6.502:1996 TASE.1 <i>Protocol definitions</i>
EN 60870-6-601:1995 (IEC 870-6-601:1994)	Section 6.601:1995 <i>Functional profile for providing the connection-oriented transport service in an end system connected via permanent access to a packet switched data network</i>

^a In preparation.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN title page, pages 2 to 12, an inside back cover and a back cover.

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.

