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British Standard

Apparatus with one or more particular functions for connection to certain public switched telephone networks

Part 6. Specification for series connected apparatus

Section 6.1 Apparatus having maximum allowable impairments

Appareils à une ou plusieurs fonctions particulières destinés à être raccordés à certains réseaux téléphoniques publics commutés

Partie 6. Appareils connectés en série — Spécifications

Section 6.1 Dégradations maximales admissibles des appareils

Apparate mit einer oder mehreren Sonderfunktionen zum Anschluß an bestimmte öffentliche Fernsprechnetze

Teil 6. Apparate in Reihenschaltung

Abschnitt 6.1 Apparate mit höchstzulässigem Störpotential

Foreword

This Section of BS 6789 has been prepared under the direction of the Telecommunications Standards Committee. It forms one of a series of British Standards that are being produced following the commencement of liberalization in October 1981 of the supply of certain telecommunications apparatus within the United Kingdom.

This series of standards includes product specifications giving particular requirements for individual items of apparatus, together with standards covering general requirements for the connection of apparatus to the various networks of British Telecommunications and Hull Telephone Department. At the present time, these networks include the public switched telephone network, the telex network, the packet switching service, and private circuits leased from British Telecommunications.

The requirements specified in the standards are intended to ensure that apparatus complying with them, when connected to British Telecommunications or Hull Telephone Department networks, will neither adversely affect any network nor interfere with the service available to other users. The standards include safety requirements only for the protection of personnel operating the network and for the protection of users from hazards that may arise from the connection of the apparatus to the network.

The multi-part standard to which this Section belongs is intended to specify all the additional functions and facilities that require specifying for approval purposes and that may be added to apparatus submitted for approval for use in conjunction with simple telephones or modems on public switched telephone networks. There are a large number of possible permutations in the choice of these facilities to form a particular configuration of apparatus. In order to present a coherent range of specifications that is appropriate to this variety of configurations, Part 1 'Specification for general requirements' of BS 6789 is used as an essential initial specification and the remaining Parts each specify an additional facility. Part 1 of BS 6789 requires the supplier to state which of these facilities is present on the apparatus submitted for approval so that it is clear which of the subsequent Parts are relevant.

Part 6 of BS 6789 specifies requirements for series connected apparatus. It is for use only in conjunction with Part 1 of BS 6789.

This standard is presented to the Secretary of State for designation under Section 22(6) of the British Telecommunications Act, 1984. It is government policy that, once the Secretary of State's designation has entered into force, apparatus within the scope of a designated standard may be connected to British Telecommunications networks only if it conforms to the technical requirements of that standard and any relevant product standard and if it has been approved by the Secretary of State, British Telecommunications or the British Approvals Board for Telecommunications. The Secretary of State will not normally entertain applications for approval of apparatus. Applications for approval of apparatus should be addressed in the first instance to The Director, British Approvals Board for Telecommunications (BABT), Claremont House, 34 Molesey Road, Hersham, Walton-on-Thames, Surrey KT12 4RQ.

In designating this standard, the Secretary of State may, at his discretion, stipulate variations of, or additions to, the requirements of this standard and may also set conditions that have to be complied with as regards the apparatus, or its connection, or use. A copy of the Secretary of State's designation will be included, when available, with all copies of this standard. Any further information on details of the designation of this standard may be obtained from the Department of Trade and Industry, 1-19 Victoria Street, London SW1H 0ET.

Some apparatus may incorporate facilities for which a mandatory standard is necessary, but for which no standard has yet been designated by the Secretary of State. Other apparatus may incorporate innovative features not foreseen when the relevant standard was written and designated and for which that standard is not fully appropriate. The BABT can sometimes deal with cases such as these by writing a 'Special investigation test schedule' (SITS) which has the effect of stating requirements where there is no designated British Standard or of supplementing or varying the requirements in the application of the approved British Standard. Information on any relevant SITS may be obtained from the Director, BABT, at the address given above.

Where this course is not possible, then BT may nevertheless approve apparatus for connection to its networks and should be consulted directly as to its requirements.

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