

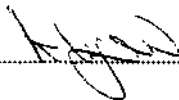
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Business Process Document

Guidance for electric cable installations associated with plant and machinery in B.R. underground and other specified locations

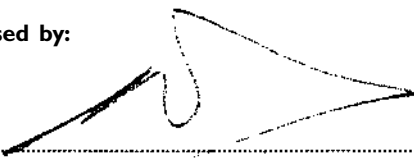
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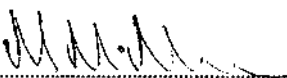
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I Purpose

The objective of this document is to give guidance to Plant and Machinery and BES Engineers who are responsible for the design and installation of cable systems in BR underground and other specified locations.

2 Scope

Not used

3 Reference documentation

- [BS 6724](#) : 1986 Armoured cables for electricity supply having thermosetting insulation with low emission of smoke and corrosive gases when affected by fire
- [BS 4066](#) Tests on electric cables under fire conditions
- Pt 1:1980 Method of test on a single vertical insulated wire or cable
- (IEC 332-1)
- Pt 2 : 1989 Method of test on a single small vertical insulated wire or cable.
- (IEC 332-2)
- Pt 3:1986 Method for classification of flame propagation characteristics of bunched cables
- [BS 2782](#) Methods of testing plastics
- Pt 1 Method Determination of flammability by oxygen index
- 141 (ISO 4589)
- Pt 1 Method Flammability of a test piece 550mm x 35mm of thin PVC sheeting
- 140D (laboratory method)
- [BS 6425](#) Gases evolved during combustion of electric cables
- Pt 1 : 1983
- [BS 4808](#) LF cables and wires with PVC insulation and PVC sheath for telecommunications
- Pt 1 : 1972
- Section 3.2.2. Flammability test
- Pts 2, 3, 4, 5 Flammability test not applicable
- [BS 6387](#) : 1983 Performance requirements for cables required to maintain circuit integrity under fire conditions
- [BS 7211](#) : 1989 Thermosetting Insulated Cables (non-armoured) for electric power and lighting with low emission of smoke and corrosive gases when affected by fire
- [BS 6207](#) : 1987 Mineral-insulated copper-sheathed cables with copper conductors.