

# **IS 18830 : 2024 (IEC 60884-2-7 : 2011 + AMD 1 : 2013, MOD)**

## **Cord Extension Sets — Specifications**

This standard specifies requirements for cord extension sets. This standard is to be read in conjunction with IS 1293: 2019 ‘Plugs and socket — Outlets of rated voltage up to and including 250 volts and rated current up to and including 16 amperes — Specification (third revision)’. For the sake of convenience, the clauses of this standard correspond to those of IS 1293. Wherever possible instead of reproducing full text of each clause, clauses of IS 1293, which are applicable (which means that relevant provisions of the clause apply) or not applicable and the sub-clauses or portion there of which are not applicable are indicated as under:

a) In case of a clause where it is applicable/not applicable, the wording used is ‘this clause of IS 1293 is

applicable/not applicable’; and

b) In case of sub-clause or part thereof is not applicable, the wording used is ‘Not applicable’.

Wherever a sub-clause of IS 1293 is to be replaced by a new text, it has been indicated as under:

a) Replacement or modification — Followed by the new text;

b) Any addition to the existing provision of a sub-clause of IS 1293 has been indicated as under: Addition — Followed by the text of the additional matter;

c) Any deletion to the existing provision of a sub-clause of IS 1293 has been indicated as under: Delete — Followed by content to be deleted; and

d) Clauses/Tables which are additional to those of IS 1293 are numbered starting from 101 and additional sub-clauses are numbered with the main clause number followed by 101, 102, etc for example, 7.101, Should however, any deviation exist between IS 1293 and this standard, the provision of the latter shall apply.

This standard is based on IEC 60884-2-7 ‘Plugs and socket-outlets for household and similar purposes — Part 2-7: Particular requirements for cord extension sets.

## **IS 18589 (Part 3) : 2024 ISO 16073-3 : 2019**

### **Wildland Firefighting Personal Protective Equipment — Requirements and Test Methods Part 3 Clothing**

Wildland firefighting involves work primarily in summer temperatures, for many hours in which the firefighter may develop high levels of metabolic heat. Loose-fitting clothing is as important as the fire resistance of materials in preventing serious burn injury. Clothing that is tight-fitting poses a danger to the wildland firefighter from radiant heat and heat stress, while, at the same time, diminishing the firefighter's ability to perform. Consequently, the protective clothing should be light, flexible and commensurate with the risks to which the firefighter may be exposed in order to be effective without introducing heat stress to the wearer.

Accordingly, a risk assessment should be undertaken to determine if the clothing covered by this document is suitable for its intended use and the expected exposure. This document does not cover

clothing for use in higher risk situations, where clothing complying with ISO 11999-3 (structural firefighting) or even ISO 15538 (firefighting with reflective outer surface), is more suitable, nor does this document cover clothing to protect against chemical, biological, electrical or radiation hazards. This document does not cover risk related to rescue operations that are covered in ISO 18639-3.

The risk assessment should include what additional personal protective equipment is necessary for the head, hand and feet. In some situations, respiratory protection may also be required.

Firefighters should be trained in the use, care and maintenance of the protective clothing covered by this document, including an understanding of its limitation.

The purpose of this document is to provide minimum performance requirements for protective clothing designed for use for extended periods during wildland firefighting activities. The minimum performance requirements and methods of test for personal protective equipment (PPE) covering the head, hands, feet, eyes and ears for wildland firefighting are covered in other parts of ISO 16073.