

FORMAT FOR SYNOPSIS OF INDIAN STANDARDS

83

Number and Title of the Indian Standard:

**IS 16818 : 2018 SAFETY OF MACHINERY — EMERGENCY STOP FUNCTION —
PRINCIPLES FOR DESIGN [Doc: MED 40 (11998)]**

a) Scope

This Indian Standard specifies functional requirements and design principles for the emergency stop function on machinery, independent of the type of energy used.

It does not deal with functions such as reversal or limitation of motion, deflection of emissions (e.g. radiation, fluids), shielding, braking or disconnecting, which can be part of the emergency stop function.

The requirements for this Indian Standard apply to all machines, with exception to:

- machines where an emergency stop would not reduce the risk;
- hand-held or hand-operated machines.

NOTE The requirements for the realization of the emergency stop function based on electrical/electronic technology are described in IEC 60204-1.

b) Salient features of content: This standard covers terms and definitions, safety requirements etc for principles for design of emergency stop function of machinery.

c) Types/grades/classes, if any covered in the standard: Not applicable

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Approved by
Dir (Pub) 14/11/18

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