

ISO 13850:2015-10 (E)

Safety of machinery - Emergency stop function - Principles for design

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Safety requirements	3
4.1 General requirements	3
4.1.1 Emergency stop function	3
4.1.2 Span of control of emergency stop device(s)	4
4.1.3 Stop categories	5
4.1.4 Disengagement (e.g. unlatching) of the emergency stop device	6
4.1.5 Emergency stop equipment	6
4.2 Operating conditions, environmental influences	6
4.3 Emergency stop device	6
4.4 Use of wires or ropes as actuators	8
4.5 Prevention of unintended actuation of an emergency stop device	9
4.6 Portable operator control stations	9
4.6.1 Emergency stop functions on portable operator control stations	9
4.6.2 Emergency stop reset for cableless operator control stations	10
Bibliography	11