

ISO 21455:2020-04 (E)

Mobile elevating work platforms - Operator's controls - Actuation, displacement, location and method of operation

Contents		Page
	Foreword	iv
	Introduction	v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Control actuating forces and torques	2
5	Control locations	5
	5.1 General	5
	5.2 Work platform controls	5
	5.3 Base or ground level controls	6
	5.4 Minimum separation distance	6
	5.5 Dividers or shrouds	10
6	Sizing of controls	10
7	Movement of controls	13
	7.1 General	13
	7.2 Multi-functional joystick controls	13
	7.2.1 Combined movements	13
	7.2.2 Additional controls located on a multi-functional control	14
	7.3 Multi-purpose controls	14
	7.4 Mode selection for multi-purpose controls	14
	7.5 Activation and operation	15
	7.5.1 General	15
	7.5.2 Control orientation and operation — Work platform controls	15
	7.5.3 Operational characteristics for lever-operated stacked or banked controls located at the work platform	16
	7.5.4 Work platform control orientation zones for raising and lowering of the extending structure	16
	7.5.5 Work platform control orientation zones for travelling	17
	7.6 Function enable controls	19
8	Layout of controls	20
	8.1 General	20
	8.2 Control panel construction	20
	8.3 Grouping of controls	20
	8.4 Control groups for Group A MEWPs	20
	8.5 Control groups for Group B MEWPs	21
	8.6 MEWPs with independent left-hand and right-hand travel controls	21
9	Marking of controls	21
	9.1 General	21
	9.2 Marking of controls using text	21
	9.3 Marking of controls using symbols	22
	Bibliography	23