DIN EN 17206-2:2024-02 (E)

Entertainment technology - Machinery for stages and other production areas - Part 2: Safety requirements for stands and truss lifts

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 5
3.1 General terms 5
3.2 Example depiction of a stand 5

4 Hazards 6

5 Design requirements 7
5.1 General 7
5.2 Load assumptions 7
5.3 Stability 7
5.4 Mast segment 9
5.5 Load-bearing equipment 9
5.6 Winding devices and diverter pulleys for wire ropes 10
5.7 Drive mechanisms 10
5.8 Manually extendable mast segment 10
5.9 Load-carrying devices 10

6 Safeguarding hazardous areas 11

7 User information 11
7.1 General 11
7.2 Data to be agreed 11
7.3 Documentation 11
7.4 Maintenance instructions 11
7.5 Marking 11
7.6 Instructions for use 11

8 Testing 12

Annex A (informative) Examples of hazards, hazardous situations, and hazardous events associated with stands 13

Annex B (informative) Example contents of a quick-start guide attached to the stand 15

B.1 Stand setup 15
B.2 Lifting the load 15
B.3 Lowering the load (reverse process to lifting) 16
B.4 Transportation 16
B.5 Maintenance/visual inspection 16

Bibliography 17