DIN EN 13557:2024-05 (E)

Cranes - Control devices and control stations

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Requirements 7
4.1 Control devices 7
4.1.1 General 7
4.1.2 Control levers and joysticks 7
4.1.3 Push buttons 7
4.1.4 Pedals 7
4.1.5 Touch screen controls 8
4.2 Control stations 8
4.2.1 General 8
4.2.2 Cable connected control stations 8
4.2.3 Cableless control stations 9
4.3 Cabins 9
4.3.1 General 9
4.3.2 Windows 9
4.3.3 Access 10
4.3.4 Emergency exit 10
4.3.5 Roof 10
4.3.6 Crane operator's seat 10
4.3.7 Cabin climate 10
4.3.8 Fire protection 11
4.3.9 Fire extinguisher 11
4.4 Other operating positions 11
4.4.1 General 11
4.4.2 Fixed operating positions on the crane 11
4.4.3 Moveable operating positions 11

5 Verification of the safety requirements and/or measures 12

6 Information for use 13

Annex A (informative) List of significant hazards 14

Annex B (informative) Selection of suitable set of crane standards for a given application 16

Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered 18

Bibliography 21