DIN EN 13591:2006-04 (E)

Food processing machinery - Fixed deck oven loaders - Safety and hygiene requirements

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Description 6
3.1 Terms and definitions 6
3.2 General principle 7
3.3 Classification 8

4 List of significant hazards 9
4.1 General 9
4.2 Mechanical hazards 9
4.3 Electrical hazards 10
4.4 Hazard generated by neglecting hygienic design principles 10
4.5 Hazards generated by neglecting ergonomic principles 11
4.6 Pneumatic and hydraulic equipment 11

5 Safety and hygiene requirements and/or protective measures 11
5.1 General 11
5.2 Mechanical hazards 11
5.3 Electrical hazards 16
5.4 Hygiene requirements 17
5.5 Hazards generated by neglecting ergonomic principles 18
5.6 Pneumatic and hydraulic equipment 19

6 Verification of safety and hygiene requirements and/or protective measures 19

7 Information for use 19
7.1 General 19
7.2 Instruction handbook 20
7.3 Marking 21
7.4 Noise declaration 22

Annex A (normative) Noise test code for fixed deck oven loaders (grade 2) 23

Annex B (normative) Principles of design to ensure the cleanability of fixed deck oven loaders 25

Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC 43

Bibliography 44