DIN EN 13886:2011-02 (E)

Food processing machinery - Cooking kettles equipped with powered stirrer and/or mixer - Safety and hygiene requireme nts (includes Amendment A1:2010)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 6

3 Terms, definitions, symbols and description 7
3.1 Terms, definitions and symbols 7
3.2 Description 7

4 List of significant hazards 10
4.1 General 10
4.2 Mechanical hazards 11
4.3 Electrical hazards 13
4.4 Hazards generated by neglecting hygiene principles in machine design 13
4.5 Hazards generated by neglecting ergonomic principles in machine design 14
4.6 Thermal hazard 14

5 Safety and hygiene requirements and/or measures 14
5.1 General 14
5.2 Mechanical hazards 14
5.3 Electrical hazards 17
5.4 Hygiene 18
5.5 Ergonomics 19
5.6 Thermal hazards 19

6 Verification of safety and hygiene requirements and/or measures 20

7 Information for use 21
7.1 General 21
7.2 Instruction handbook 21
7.3 Marking 23

Annex A (normative) Noise test code for cooking kettles (Grade 2) 25

Annex B (normative) Principles of design to ensure the cleanability of cooking kettles 27

Annex ZA (informative) !Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC" 45

Bibliography 46