

DIN EN 12853:2012-02 (E)

Food processing machinery - Hand-held blenders and whisks - Safety and hygiene requirements (includes Amendment A1:2010)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references"	6
3	Terms and definitions - Description	7
3.1	Terms and definitions	7
3.2	Description	7
4	List of significant hazards	8
4.1	Mechanical hazards"	8
4.2	Electrical hazards	8
4.3	Thermal hazards	8
4.4	Hazards generated by neglecting hygiene principles in machine design	9
4.5	Hazards generated by neglecting ergonomic principles in machine design	9
5	Safety and hygiene requirements and/or protective measures	9
5.1	General"	9
5.2	Mechanical hazards	9
5.3	Electrical hazards"	11
5.4	Thermal hazards	12
5.5	Hygiene	12
5.6	Ergonomics	13
6	Verification of safety and hygiene requirements and/or measures	13
7	Information for use	15
7.1	General"	15
7.2	Instruction handbook	15
7.3	Marking	17
Annex A (normative)	Noise test code for hand-held blenders and whisks (Grade 2 of accuracy)	18
Annex B (normative)	Principles of design to ensure the cleanability of hand-held blenders and whisks	21
Annex ZA (informative)	Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC"	30
Bibliography		31