

DIN EN 12043:2011-06 (E)

Food processing machinery - Intermediate provers - Safety and hygiene requirements (includes Amendment A1:2010)

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	!!Terms, definitions and description""	6
3.1	!!Terms and definitions""	6
3.2	!Description""	6
4	!!List of significant hazards""	7
4.1	!General"	7
4.2	Mechanical hazards	7
4.3	Electrical hazards	10
4.4	Hazards resulting from inhalation of dust	10
4.5	Hazard generated by neglecting hygienic design principles	10
4.6	Hazards generated by neglecting ergonomic principles	10
5	!!!Safety and hygiene requirements and/or protective measures"	11
5.1	!!!General"	11
5.2	Mechanical hazards	11
5.3	!!!Electrical hazards""	19
5.4	Protection against dust emission	20
5.5	Hygiene requirements	20
5.6	Hazards generated by neglecting ergonomic principles	22
6	!!!Verification of safety and hygiene requirements and/or protective measures"	22
7	Information for use	23
7.1	!!General""	23
7.2	!!!Instruction handbook""	23
7.3	Marking	24
Annex A (normative) Principles of design to ensure the cleanability of intermediate provers		25
A.1	Definitions	25
A.2	Materials of construction	25
A.3	Design	27
Annex B (normative) Noise test code Grade 2 of accuracy		46
B.1	Definitions	46
B.2	Installation and mounting conditions	46
B.3	Operating conditions	46
B.4	Emission sound pressure level determination	46
B.5	Measurement uncertainties	47
B.6	Information to be recorded	47
B.7	Information to be reported	47
B.8	Declaration and verification of noise emission values	47

Annex ZA (informative) "Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC"	48
Bibliography	49