

DIN EN 12042:2006-10 (E)

Food processing machinery - Automatic dividers - Safety and hygiene requirements

Contents		Page
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms, definitions and description	7
3.1	Terms and definitions	7
3.2	Description	8
4	List of significant hazards	10
4.1	General	10
4.2	Mechanical hazards	10
4.3	Electrical hazards	11
4.4	Hazards generated by noise	11
4.5	Hazards resulting from dust inhalation	11
4.6	Hygiene	11
4.7	Hazards generated by neglecting ergonomic principles	11
4.8	Hazards specific to divider oil	12
4.9	Pneumatic and hydraulic equipment	12
5	Safety and hygiene requirements and/or measures	12
5.1	General	12
5.2	Mechanical hazards	12
5.3	Electrical hazards	19
5.4	Noise reduction	20
5.5	Protection against dust emission	20
5.6	Protection against spilling oil	20
5.7	Hygiene requirements	20
5.8	Hazards generated by neglecting ergonomic principles	21
5.9	Pneumatic and hydraulic equipment	22
6	Verification of safety and hygiene requirements and/or measures	23
7	Information for use	24
7.1	Signals and warning	24
7.2	Instruction handbook	24
7.3	Marking	25
	Annex A (normative) Noise test code for automatic dividers - Grade 2 of accuracy	26
	Annex B (normative) Principles of design to ensure the cleanability of automatic dividers	29
	Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC, amended by 98/79/EC	48
	Bibliography	49