

DIN EN 13379:2013-05 (E)

Pasta processing plants - Spreader, stripping and cutting machine, stick return conveyor, stick magazine - Safety and hygiene requirements (includes Amendment A1:2013)

Contents		Page
Foreword		4
Introduction		5
1 Scope		5
2 Normative references		5
3 "Terms and definitions"		7
4 List of hazards		11
4.1 "General"		11
4.2 Mechanical hazards		11
4.3 Electrical hazards		13
4.4 Thermal hazard		13
4.5 Noise hazard		13
4.6 Hazards due to slip, trip and fall		14
4.7 Hazard due to neglecting of hygienic principles		14
4.8 Harmful substance		14
5 "Safety requirements and/or protective measures"		14
5.1 "General"		14
5.2 Mechanical hazards		14
5.3 Electrical hazards		17
5.4 Thermal hazard		19
5.5 Noise reduction		19
5.6 Protective measures against slip, trip and fall		19
5.7 Protective measures against hazards due to neglecting of hygienic principles		19
5.8 Harmful substance		22
6 "Verification of safety requirements and/or measures"		22
6.1 "General"		22
6.2 Spreaders		23
6.3 Stripping and cutting machine		24
6.4 Stick return conveyor and the stick magazine		24
7 Information for use "deleted text"		25
7.1 Technical information		25
7.2 Indicators		26
7.3 Marking		26
Annex A (normative) Principles of design to ensure the cleanability of machinery		27
A.1 Terms and definitions		27
A.2 Material of construction		27
A.3 Design		29
Annex B (normative) Noise test code - Grade 2 or 3		42

B.1	Terms and definitions	42
B.2	Installation and mounting conditions	42
B.3	Operating conditions	42
B.4	Measurements	42
B.5	Emission sound pressure level determination	43
B.6	Sound power level determination	43
B.7	Measurement uncertainties	43
B.8	Information to be recorded	43
B.9	Information to be reported	43
B.10	Declaration and verification of noise emission value	44
Annex ZA (informative)	!Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC"	45
Bibliography		46