

DIN EN 1114-3:2020-01 (E)

Plastics and rubber machines - Extruders and extrusion lines - Part 3: Safety requirements for haul-offs

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	7
4	Safety requirements and/or protective/risk reduction measures	15
4.1	General	15
4.2	Mechanical hazards	15
4.3	Hazards due to electrical energy and electromagnetic interferences	17
4.4	Hazards due to failure of safety related parts of control systems	17
4.5	Hazards due to hydraulic and pneumatic equipment	18
4.6	Thermal hazards	18
4.7	Hazards due to noise	18
4.8	Hazards due to instability	19
5	Verification of the safety requirements and/or protective/risk reduction measures	19
6	Information for use	21
6.1	General	21
6.2	Marking and warning signs	21
6.3	Instruction handbook	21
6.4	Noise emission	22
Annex A (informative) List of significant hazards		23
Annex B (normative) Noise test code		25
B.1	Introduction	25
B.2	Determination of the A-weighted emission sound pressure level at the workstation	25
B.3	Determination of the A-weighted sound power level	26
B.4	Mounting and operating conditions	26
B.5	Information to be recorded and reported	27
B.6	Declaration and verification of noise emission values	27
Annex ZA (informative) Relationship between this European Standard and the essential requirements of EU Directive 2006/42/EC aimed to be covered		30
Bibliography		32