

Annex A (informative)

Examples of hazards, hazardous situations and hazardous events

Table A.1

No	Hazards	Annex A of EN 292- 2 : 1991/ A1 : 1995	EN 292	
			Part 1 : 1991	Part 2: 1991
Hazards, hazardous situations and hazardous events				
1	<p>Mechanical hazards due to:</p> <ul style="list-style-type: none"> - machine parts or workpieces, e.g.: <ul style="list-style-type: none"> a) shape; b) relative location; c) mass and stability (potential energy of elements which may move under the effect of gravity); d) mass and velocity (kinetic energy of elements in controlled or uncontrolled motion); e) inadequacy of mechanical strength. - accumulation of energy inside the machinery, e.g.: <ul style="list-style-type: none"> f) elastic elements (springs); g) liquids and gases under pressure; h) the effect of vacuum. 	1.3	4.2	3.1, 3.2, 4
		1.5.3, 1.6.3	4.2	3.8, 6.2.2
1.1	Crushing hazard	1.3	4.2.1	
1.2	Shearing hazard			
1.3	Cutting or severing hazard			
1.4	Entanglement hazard			
1.5	Drawing-in or trapping hazard			
1.6	Impact hazard			
1.7	Stabbing or puncture hazard			
1.8	Friction or abrasion hazard			
1.9	High pressure fluid injection or ejection hazard	1.3.2	4.2.1	3.8
2	Electrical hazards due to:			
2.1	Contact of persons with live parts (direct contact)	1.5.1, 1.6.3	4.3	3.9, 6.2.2
2.2	Contact of persons with parts which have become live under faulty conditions (indirect contact)	1.5.1	4.3	3.9
2.3	Approach to live parts under high voltage	1.5.1, 1.6.3	4.3	3.9, 6.2.2
2.4	Electrostatic phenomena	1.5.2	4.3	3.9
2.5	Thermal radiation or other phenomena such as the projection of molten particles and chemical effects from short circuits, overloads, etc.	1.5.1, 1.5.5	4.3	3.9
(continued)				