



Inspection - Plant/Equipment/Machinery Checklist

Plant Equipment Hazard - Plant Equipment Hazard

Item #	Prompt	Responses	Comments
1	Checking for Entanglement Hazards?	() Yes () No	
2	Can a person's hair, clothing, gloves, necktie, jewellery, cleaning brush or rag become entangled?	() Safe () At Risk () N/A	
3	Checking for Crushing Hazards?	() Yes () No	
4	Can anyone be crushed due to material falling off the plant?	() Safe () At Risk () N/A	
5	Can anyone be crushed due to uncontrolled or unexpected movement of the plant?	() Safe () At Risk () N/A	
6	Can anyone be crushed due to lack of capacity for the plant to be slowed, stopped or immobilised?	() Safe () At Risk () N/A	
7	Can anyone be crushed due to the plant tipping or rolling over?	() Safe () At Risk () N/A	
8	Can anyone be crushed due to parts of the plant collapsing?	() Safe () At Risk () N/A	
9	Can anyone be crushed due to coming into contact with moving parts of the plant during testing, inspection, operation, etc?	() Safe () At Risk () N/A	
10	Can anyone be being trapped between the plant and materials or fixed structures?	() Safe () At Risk () N/A	
11	Can anyone be crushed due to being thrown off or under plant?	() Safe () At Risk () N/A	
12	Can anyone be crushed due to other factors not mentioned?	() Safe () At Risk () N/A	
13	Checking Cutting Stabbing and Puncturing Hazard	() Yes () No	
14	Can anyone be stabbed or punctured due to coming in contact with sharp or flying objects?	() Safe () At Risk () N/A	
15	Can anyone be stabbed or punctured due to coming in contact with moving parts during testing, inspection, etc?	() Safe () At Risk () N/A	
16	Can anyone be stabbed or punctured due to the plant, parts of the plant or work pieces disintegrating?	() Safe () At Risk () N/A	
17	Can anyone be stabbed or punctured due to work pieces being ejected?	() Safe () At Risk () N/A	
18	Can anyone be stabbed or punctured due to the mobility of the plant?	() Safe () At Risk () N/A	
19	Can anyone be stabbed or punctured due to uncontrolled or unexpected movement of the plant?	() Safe () At Risk () N/A	

Item #	Prompt	Responses	Comments
20	Can anyone come into contact with fluids under high pressure, due to plant failure or misuse of the plant?	() Safe () At Risk () N/A	
21	Checking Shearing Hazard?	() Yes () No	
22	Can anyone's body parts be sheared between two parts of the plant, or between a part of the plant and a work piece or structure?	() Safe () At Risk () N/A	
23	Are you checking Striking Hazard?	() Yes () No	
24	Can anyone be struck by moving objects due to uncontrolled or unexpected movement of the plant or material handled by the plant?	() Safe () At Risk () N/A	
25	Can anyone be struck by moving objects due to the plant, parts of the plant or work pieces disintegrating?	() Safe () At Risk () N/A	
26	Can anyone be struck by moving objects due to work pieces being ejected?	() Safe () At Risk () N/A	
27	Can anyone be struck by moving objects due to mobility of the plant?	() Safe () At Risk () N/A	
28	Checking Electrical Hazard?	() Yes () No	
29	Can anyone be injured by electrical shock or burnt due to the plant contacting live electrical conductors?	() Safe () At Risk () N/A	
30	Can anyone be injured by electrical shock or burnt due to the plant working in close proximity to electrical conductors?	() Safe () At Risk () N/A	
31	Can anyone be injured by electrical shock or burnt due to overload of electrical circuits?	() Safe () At Risk () N/A	
32	Can anyone be injured by electrical shock or burnt due to damaged or poorly maintained electrical leads and cables?	() Safe () At Risk () N/A	
33	Can anyone be injured by electrical shock or burnt due to damaged electrical switches?	() Safe () At Risk () N/A	
34	Can anyone be injured by electrical shock or burnt due to damaged electrical switches?	() Safe () At Risk () N/A	
35	Can anyone be injured by electrical shock or burnt due to damaged electrical switches?	() Safe () At Risk () N/A	
36	Can anyone be injured by electrical shock or burnt due to water near electrical equipment?	() Safe () At Risk () N/A	
37	Can anyone be injured by electrical shock or burnt due to lack of isolation procedures?	() Safe () At Risk () N/A	
38	Checking High pressure Fluid Hazards?	() Yes () No	
39	Can anyone be injured by explosion of gases, vapours, liquids, dusts or other substances, triggered by the operation of the plant ?	() Safe () At Risk () N/A	
40	Checking Slipping, Tripping and Falling Hazard?	() Yes () No	
41	Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to uneven or slippery work surfaces?	() Safe () At Risk () N/A	

Item #	Prompt	Responses	Comments
42	Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to poor housekeeping?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
43	Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to obstacles being placed in the vicinity of the plant?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
44	Can anyone fall from a height due to lack of a proper work platform?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
45	Can anyone fall from a height due to lack of proper stairs or ladders?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
46	Can anyone fall from a height due to lack of guardrails or other suitable edge protection?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
47	Can anyone fall from a height due to unprotected holes, penetrations or gaps?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
48	Can anyone fall from a height due to unprotected holes, penetrations or gaps?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
49	Can anyone fall from a height due to unprotected holes, penetrations or gaps?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
50	Can anyone fall from a height due to poor floor or walking surfaces, for example the lack of a slip-resistant surface?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
51	Can anyone fall from a height due to collapse of the supporting structure?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
52	Can anyone fall from a height due to steep walking surfaces?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
53	Checking on Ergonomic Hazard	<input type="radio"/> Yes <input type="radio"/> No	
54	Can anyone be injured due to poorly designed seating?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
55	Can anyone be injured due to poorly designed operator controls?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
56	Can anyone be injured due to high forces?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
57	Can anyone be injured due to awkward body posture or the need for excessive effort?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
58	Can anyone be injured due to repetitive movements?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
59	Can anyone be injured due to vibration?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
60	Checking for combination hazards	<input type="radio"/> Yes <input type="radio"/> No	
61	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed or similar malfunction from failure/disorder of the control system?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	
62	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed etc from restoring energy supply after an interruption?	<input type="radio"/> Safe <input type="radio"/> At Risk <input type="radio"/> N/A	

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63	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed etc from external influences on electrical equipment?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
64	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed etc from other environmental factors, for example gravity and wind?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
65	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed or similar malfunction from errors in the software?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
66	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed or similar malfunction from errors made by the operator?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
67	Checking Other Hazards?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
68	Can anyone be injured due to noise?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
69	Can anyone be injured due to inadequate or poorly placed lighting?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
70	Can anyone be injured due to entry into any confined spaces of the plant?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
71	Can anyone be injured due to failure to select plant suitable for its intended use?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
72	Can anyone be injured due to contact with hot or cold parts of plant?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
73	Can anyone be injured due to contact with hot or cold parts of plant?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
74	Can anyone be injured due to exposure to hazardous chemicals, radiation or other emissions released by the plant?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	
75	Can anyone be injured due to lack of operator competency?	<input type="checkbox"/> Safe <input type="checkbox"/> At Risk <input type="checkbox"/> N/A	

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2	Can a person's hair, clothing, gloves, necktie, jewellery, cleaning brush or rag become entangled parts of the plant?		
3	Checking for Crushing Hazards?		
4	Can anyone be crushed due to material falling off the plant?		
5	Can anyone be crushed due to uncontrolled or unexpected movement of the plant?		
6	Can anyone be crushed due to lack of capacity for the plant to be slowed, stopped or immobilised?		
7	Can anyone be crushed due to the plant tipping or rolling over?		
8	Can anyone be crushed due to parts of the plant collapsing?		
9	Can anyone be crushed due to coming into contact with moving parts of the plant during testing, i operation, maintenance, cleaning or repair?		
10	Can anyone be being trapped between the plant and materials or fixed structures?		
11	Can anyone be crushed due to being thrown off or under plant?		
12	Can anyone be crushed due to other factors not mentioned?		
13	Cutting Stabbing and Puncturing Hazard		
14	Can anyone be stabbed or punctured due to coming in contact with sharp or flying objects?		
15	Can anyone be stabbed or punctured due to coming in contact with moving parts during testing, i operation, maintenance, cleaning or repair?		
16	Can anyone be stabbed or punctured due to the plant, parts of the plant or work pieces disintegrate?		
17	Can anyone be stabbed or punctured due to work pieces being ejected?		
18	Can anyone be stabbed or punctured due to the mobility of the plant?		
19	Can anyone be stabbed or punctured due to uncontrolled or unexpected movement of the plant?		
20	Can anyone come into contact with fluids under high pressure, due to plant failure or misuse of the plant?		
21	Checking Shearing Hazard?		
22	Can anyone's body parts be sheared between two parts of the plant, or between a part of the plant and a piece or structure?		
23	Are you checking Striking Hazard?		
24	Can anyone be struck by moving objects due to uncontrolled or unexpected movement of the plant handled by the plant?		
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27	Can anyone be struck by moving objects due to mobility of the plant?		
28	Checking Electrical Hazard?		
29	Can anyone be injured by electrical shock or burnt due to the plant contacting live electrical conductors?		
30	Can anyone be injured by electrical shock or burnt due to the plant working in close proximity to electrical conductors?		
31	Can anyone be injured by electrical shock or burnt due to overload of electrical circuits?		
32	Can anyone be injured by electrical shock or burnt due to damaged or poorly maintained electrical cables?		
33	Can anyone be injured by electrical shock or burnt due to damaged electrical switches?		
34	Can anyone be injured by electrical shock or burnt due to damaged electrical switches?		
35	Can anyone be injured by electrical shock or burnt due to damaged electrical switches?		
36	Can anyone be injured by electrical shock or burnt due to water near electrical equipment?		
37	Can anyone be injured by electrical shock or burnt due to lack of isolation procedures?		
38	Checking High pressure Fluid Hazards?		
39	Can anyone be injured by explosion of gases, vapours, liquids, dusts or other substances, triggered by operation of the plant or by material handled by the plant?		
40	Checking Slipping, Tripping and Falling Hazard?		

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41	Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to uneven or slippery		
42	Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to poor housekeeping: offcuts, cables, hoses obstructing walkways, spills not cleaned up?		
43	Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to obstacles being in vicinity of the plant?		
44	Can anyone fall from a height due to lack of a proper work platform?		
45	Can anyone fall from a height due to lack of proper stairs or ladders?		
46	Can anyone fall from a height due to lack of guardrails or other suitable edge protection?		
47	Can anyone fall from a height due to unprotected holes, penetrations or gaps?		
48	Can anyone fall from a height due to unprotected holes, penetrations or gaps?		
49	Can anyone fall from a height due to unprotected holes, penetrations or gaps?		
50	Can anyone fall from a height due to poor floor or walking surfaces, for example the lack of a slip-surface?		
51	Can anyone fall from a height due to collapse of the supporting structure?		
52	Can anyone fall from a height due to steep walking surfaces?		
53	Checking on Ergonomic Hazard		
54	Can anyone be injured due to poorly designed seating?		
55	Can anyone be injured due to poorly designed operator controls?		
56	Can anyone be injured due to high forces?		
57	Can anyone be injured due to awkward body posture or the need for excessive effort?		
58	Can anyone be injured due to repetitive movements?		
59	Can anyone be injured due to vibration?		
60	Checking for Combination hazards		
61	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed or similar machine failure/disorder of the control system, for example a hydraulic system?		
62	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed etc from residual supply after an interruption?		
63	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed or similar machine external influences on electrical equipment?		
64	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed etc from other factors, for example gravity and wind?		
65	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed or similar machine errors in the software?		
66	Can anyone be injured due to unexpected start-up, unexpected over-run/over-speed or similar machine errors made by the operator?		
67	Checking Other Hazards?		
68	Can anyone be injured due to noise?		
69	Can anyone be injured due to inadequate or poorly placed lighting?		
70	Can anyone be injured due to entry into any confined spaces of the plant?		
71	Can anyone be injured due to failure to select plant suitable for its intended use?		
72	Can anyone be injured due to contact with hot or cold parts of plant?		
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75	Can anyone be injured due to lack of operator competency?		