

Inspection Checklist—Plant

<p>Plant can be hazardous in many ways, not only to the operator, but also to someone passing or standing nearby. Hazards may be obvious, like missing guards, or hidden and potential, such as pressurised hoses, pipes and electricity. All these hazards need to be identified.</p>	<p>Examine the plant in question and talk about operating and maintaining the plant with supervisors and workers. If the 'yes' column is ticked, then the hazard should be recorded on the Hazard Control Log for further assessment.</p>
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Date of plant inspection: Performed by:

Hazard (If Yes is recorded, describe the hazard in the Hazard Control Log .)	Yes	No
<p>Entanglement—getting caught in the plant:</p> <ul style="list-style-type: none"> • can clothes, hair, jewellery etc. get caught in any moving parts? 		
<p>Crushing—can anyone be crushed by:</p> <ul style="list-style-type: none"> • the machine's moving parts? • being trapped between any materials and the machine? • any moving machine and a fixed structure? • anything or any part falling off the machine? • uncontrolled movement of the machine? • any other mechanism? 		
<p>Cutting—can anyone be cut, stabbed, or punctured by:</p> <ul style="list-style-type: none"> • any exposed parts of a blade or sharp edge? • being caught between moving parts? • being caught between the job and the machine? • material being ejected from the machine? • rapidly moving machine parts? • any other mechanism? 		
<p>Impact—can anyone be struck by:</p> <ul style="list-style-type: none"> • moving machine parts? • unexpected or uncontrolled machine movements? • the machine, because it is mobile? • parts of the materials disintegrating? • any other object? 		

Hazard (If Yes is recorded, describe the hazard in the Hazard Control Log.)	Yes	No
<p>Electrical—can anyone be injured through electrocution, electrical burns or electrical fire by:</p> <ul style="list-style-type: none"> • the machine being operated close to electrical conductors? • damage to electrical leads and plugs? • the machine being operated in a wet or dusty environment? • lockout/ isolation procedures not being used correctly? • no RCD being used? • any other means? 		
<p>Slipping, tripping or falling—can anyone slip, trip or fall near the plant because:</p> <ul style="list-style-type: none"> • floors around the machine are uneven or slippery? • power tools, air hoses, oil lines etc. are lying on the floor? • waste, off-cuts or other materials are left lying on the floor? • raw materials or product storage are not appropriate? • there is not enough access to move around the plant freely? <p>Any other reasons?</p>		
<p>Falls from heights—can anyone fall from a height because:</p> <ul style="list-style-type: none"> • guard rails are missing or not fixed properly? • there is a lack of stairs or ladders? • there are unexpected holes or openings? • there is a lack of fall protection devices available? • employees are trained inappropriately? <p>Any other reasons?</p>		
<p>Ergonomics—can anyone develop muscular or skeletal injuries because:</p> <ul style="list-style-type: none"> • seating for the machine operator is poorly designed? • there is excessive repetitive movement of the upper body, arms and joints? • body posture is in an awkward or fixed position? • plant control labels are not clear or appropriate? • regularly used controls/ operations are not within easy comfortable reach? • working height is not correct for the work object or task? • floors are uneven or slippery? • there is vibration from the machine or process? • ventilation is inadequate? • lighting is poor or not specific for the task? • heating/ cooling in the machine area is inadequate? <p>Any other reasons?</p>		

Hazard (If Yes is recorded, describe the hazard in the Hazard Control Log.)	Yes	No
<p>Access/egress—can anyone be injured in any way because:</p> <ul style="list-style-type: none"> • there is insufficient room to move around the machine when it is in operation? • there is insufficient room to move around the machine when commissioning, maintenance, repairs or decommissioning occur? <p>Any other reasons?</p>		
<p>Temperature—can anyone be affected by the temperature because:</p> <ul style="list-style-type: none"> • the machine is hot or cold to touch? • the worker is required to enter hot or cold areas of the machine? • the worker is required to operate or repair a hot or cold machine? <p>Any other reasons?</p>		
<p>Noise—can anyone be injured because:</p> <ul style="list-style-type: none"> • the noise from the machine is excessive? [<i>85dB(A) for plant designed and installed after 3 April 1995 and 90dB(A) for existing plant</i>] • the noise from the machine distracts workers from concentrating on the task? <p>Any other reasons?</p>		
<p>Hazardous substances—can health or safety of workers be affected because:</p> <ul style="list-style-type: none"> • the machine requires chemicals (oils, solvents or gases) to be used in the operating, maintenance and repair processes? • fumes, vapours or dusts are given off during the operating, maintenance and repair processes? <p>Any other reasons?</p>		
<p>Pressure—can anyone be injured because:</p> <ul style="list-style-type: none"> • pressurised pipes or hoses could burst? • pressure vessels are situated near the operation? • pressure relief valves are not maintained? • pressure relief valves are situated near the operator or other workers? • compressed air is used to blow dust off the machine or the task? • compressed air is used to blow dust off workers? (not to be encouraged) <p>Any other reasons?</p>		