



LOCATION OF PREMISES: Unit 15a Glover Way, South Leicester Industrial Est, Ellistown, Leics LE67 1EU

Safe use of the *Green Machine* pallet dismantler s/n PDS 2006-02

NAME OF RISK ASSESSMENT: - risk assessment (RA) and safe system of work (SSoW) RISK ASSESSMENT NUMBER: RA117/18

DATE OF RISK ASSESSMENT: 11 September 2018 ASSESSOR: Mark Needham SIGNATURE: _____

Hazard and Hazard effect	Persons at Risk	Current preventive and protective (control) measures	Current risk factor (Likelihood x Severity)	Further control measures required (for eliminating or reducing risk as much as possible)	Residual risk factor after further control measures have been implemented (Likelihood x Severity)	Person(s) responsible for action and target date action to be completed by
<p>1. Machine being fit for purpose / maintenance and inspection</p> <p>Risk of injury caused by failure of machine or its unsuitability for the task.</p> <p>Machine performance deteriorating to the extent that people's safety is put at risk.</p> <p>Harm from (for example) entanglement; shearing; nips; contact with sharp edges; cutting; impact; crushing; friction/abrasion; noise; vibration.</p>	<p>Machine operatives</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>The supplier has explained what the machine is designed to be used for and what it cannot be used for. Information has been provided by the supplier about any remaining risks from the machine and the precautions needed to deal with them.</p> <p>The machine is made secure to prevent unexpected movement.</p> <p>Access to any dangerous part of the machine i.e. electrics and mechanical components, is prevented by fixed enclosing casings.</p> <p>Guards are suitable for the purpose they are provided, of good construction and appear to have adequate strength to cope if any irregular event occurs. Guards are in position when the machine is in use.</p> <p>Electric power cords are run in safe places where they will not be damaged i.e. above head level.</p>	<p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 3 – LOW <i>(Rare / Moderate 1x3)</i></p> <p>Likelihood x Severity score: 9 – HIGH <i>(Possible / Moderate 3x3)</i></p> <p>Likelihood x Severity score: 3 – LOW <i>(Rare / Moderate 1x3)</i></p> <p>Likelihood x Severity score: 3 – LOW <i>(Rare / Moderate 1x3)</i></p>	<p>1.1 A new lock must be fitted to the electrical switch casing at the side of the machine to prevent risk of unauthorised access or accidental damage to electrical components.</p>	<p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p>	<p>K** G***** 11 / 10 / 18</p>

NAME OF RISK ASSESSMENT: **Safe use of the *Green Machine* pallet dismantler – RA and SSoW**

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<p>1. Machine being fit for purpose / maintenance and inspection</p> <p>Risk of injury caused by failure of machine or its unsuitability for the task.</p> <p>Machine performance deteriorating to the extent that people's safety is put at risk.</p> <p>Harm from (for example) entanglement; shearing; nips; contact with sharp edges; cutting; impact; crushing; friction/abrasion; noise; vibration.</p>	<p>Machine operatives</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>All controls including emergency STOP control are clearly visible and identifiable. Emergency STOP controls are easily reached and actuated. Both have <i>hat</i> guards for added protection.</p> <p>At the time of risk assessment, there is no immediate visual evidence of damage to casings, guards, control boxes, electrical connections or machine bed. There is no concerning visible evidence of scorching to cables or wiring.</p> <p>There is suitable prohibitive, restrictive, mandatory and positive instruction signage in use. Warning signs are clearly visible and easy to understand.</p> <p>The machine is maintained and kept in good working order. Minor repairs are carried out in-house or, for more substantial maintenance work and servicing, by the supplier/manufacturer.</p> <p>No modifications will be made to the machine unless specifically recommended or requested by the manufacturer.</p>	<p>Likelihood x Severity score: 3 – LOW <i>(Rare / Moderate 1x3)</i></p> <p>Likelihood x Severity score: 3 – LOW <i>(Rare / Moderate 1x3)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 6 – MEDIUM <i>(Unlikely / Moderate 2x6)</i></p> <p>Likelihood x Severity score: 3 – LOW <i>(Rare / Moderate 1x3)</i></p>	<p>1.2 Annual service is now due. Arrange for a competent person to carry out inspection and maintenance of the machine.</p>	<p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p>	<p>K** G***** J**** I***** 11 / 12 / 18</p>

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<p>1. Machine being fit for purpose / maintenance and inspection</p> <p>Risk of injury caused by failure of machine or its unsuitability for the task.</p> <p>Machine performance deteriorating to the extent that people's safety is put at risk.</p> <p>Harm from (for example) entanglement; shearing; nips; contact with sharp edges; cutting; impact; crushing; friction/abrasion; noise; vibration.</p>	<p>Machine operatives</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>Blade changing will be completed in accordance with the manufacturer or supplier's recommendations. In accordance with Company policy and manufacturer's instructions, operatives are STRICTLY PROHIBITED to open the belt wheel casing to replace the blade unless the machine is switched off and power isolated at source. Blade changing will only be carried out by persons who have sufficient training and experience or knowledge.</p> <p>Only authorised competent persons shall be allowed access to inspect, repair, service, or maintain this machine.</p> <p>The machine will be switched off i.e. power isolated at source, before the machine is cleaned or during maintenance or inspection.</p> <p>Any replacement parts and spares will be inspected for flaws upon arrival from the supplier.</p> <p>If guards and other safety devices are removed during maintenance or repair periods then: i) The power supply shall be isolated or disconnected ii) All guards and safety devices shall be replaced before the machine is allowed to be operated again.</p>	<p>Likelihood x Severity score: 6 – MEDIUM <i>(Unlikely / Moderate 2x3)</i></p> <p>Likelihood x Severity score: 6 – MEDIUM <i>(Unlikely / Moderate 2x3)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Rare / Severe 1x4)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 6 – MEDIUM <i>(Unlikely / Moderate 2x3)</i></p>	<p>Manage any risk by implementing suitable control measures as stated.</p> <p>Manage any risk by implementing suitable control measures as stated.</p> <p>Manage any risk by implementing suitable control measures as stated.</p>		

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<p>1. Machine being fit for purpose / maintenance and inspection</p> <p>Risk of injury caused by failure of machine or its unsuitability for the task.</p> <p>Machine performance deteriorating to the extent that people's safety is put at risk.</p> <p>Harm from (for example) entanglement; shearing; nips; contact with sharp edges; cutting; impact; crushing; friction/abrasion; noise; vibration.</p>	<p>Machine operatives.</p> <p>Employees passing through the work area.</p> <p>Vulnerable persons (including trainees and new starters).</p> <p>Maintenance workers.</p> <p>Visitors.</p>	<p>Any abnormal function or strange behaviour of the machine shall be investigated by a competent person. (Operatives are required to report all faults immediately).</p> <p>The Company shall implement any control measures required of it as identified by risk assessment to comply with health and safety requirements.</p> <p>An automatic brake which stops the rotation of the blade in 10 seconds or less is fitted. When tested during this assessment, the blade came to a complete standstill within 3.5 seconds.</p>	<p>Likelihood x Severity score: 6 – MEDIUM (Possible / Slight 3x2)</p> <p>Likelihood x Severity score: 6 – MEDIUM (Possible / Slight 3x2)</p>	<p>Manage any risk by implementing suitable control measures as stated.</p> <p>Manage any risk by implementing suitable control measures as stated.</p>		

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<p>2. Work environment Injury or occupational ill-health. Thermal and ventilation hazards.</p> <p>Taking into consideration:</p> <ul style="list-style-type: none"> The physical climate (hot/cold temperature, humidity and ventilation) Constraints on posture Visibility Electric shock <p>People may suffer injuries such as fractures or bruising if they slip on spillages or trip over objects. In consideration of:</p> <ul style="list-style-type: none"> Slippery floor surfaces Change from wet to dry floor surface Damaged floor surfaces Materials or parts etc. stored in an unsafe manner Items causing obstruction or trip hazard <p>Environmental impact, in consideration of creating waste and waste removal.</p>	<p>Machine operatives</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>Operatives shall ensure the floor space around the pallet dismantler is sufficient to machine the size of work piece being processed safely without hitting other workers, materials or machine.</p> <p>Workstation floors are level and non-slip, in good repair and are free from any obstruction.</p> <p>There is sufficient lighting in the work area. This is provided by internal lighting over the blade and overhead fluorescent lamp.</p> <p>There is fresh air ventilation in the work area.</p> <p>The number of persons in exposure areas is restricted to essential workers only. The lead operative shall ensure all non-essential persons are kept clear of the hazard area.</p> <p>Operatives shall avoid using the machine in wet or damp work conditions.</p>	<p>Likelihood x Severity score: 6 – MEDIUM <i>(Possible / Slight 3x2)</i></p> <p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p> <p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 6 – MEDIUM <i>(Possible / Slight 3x2)</i></p> <p>Likelihood x Severity score: 2 – LOW <i>(Rare / Slight 1x2)</i></p>	<p>Manage any risk by implementing suitable control measures as stated.</p> <p>2.1 Further investigation is required to establish if respiratory protective equipment needs to be worn by operatives.</p> <p>Manage any risk by implementing suitable control measures as stated.</p>	<p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p>	<p>M*** N***** 11 / 10 / 18</p>

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<p>2. Work environment Injury or occupational ill-health. Thermal and ventilation hazards.</p> <p>Taking into consideration:</p> <ul style="list-style-type: none"> • The physical climate (hot/cold temperature, humidity and ventilation) • Constraints on posture • Visibility • Electric shock <p>People may suffer injuries such as fractures or bruising if they slip on spillages or trip over objects. In consideration of:</p> <ul style="list-style-type: none"> • Slippery floor surfaces • Change from wet to dry floor surface • Damaged floor surfaces • Materials or parts etc. stored in an unsafe manner • Items causing obstruction or trip hazard <p>Environmental impact, in consideration of creating waste and waste removal.</p>	<p>Machine operatives</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>Operatives will ensure pallets and pallet components are stored in a safe and secure manner so they do not create a tripping hazard for the duration of the works.</p> <p>Operatives are encouraged to keep the workplace tidy and free from accumulations of waste.</p> <p>Operatives are encouraged to clean the machine and work area often, especially after heavy use (wood dust can accumulate on interior surfaces and could create an electric shock or fire hazard).</p> <p>All spillages will be cleared immediately or as soon as possible.</p>	<p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Rare / Severe 1x4)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p>			

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<p>3. Work process</p> <p>Flying objects/debris. Contact with moving parts (abrasion, entanglement, nips, shearing, crushing, cutting, impact etc.). Vapours or fumes from works processes. Noise/vibration.</p> <p>Inadequate training or supervision increases the chances that an injury will occur. Taking into consideration any potential for:</p> <ul style="list-style-type: none"> • Widespread routine violations of procedures and conformity • Information not passed on, not understood or not implemented • Directors unaware of operatives' concerns or workplace issues • Standards not being met • Adequacy and effectiveness of safety training • Young persons 	<p>Machine operatives / trainees</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>Only employees who are trained, experienced and authorised are allowed to operate this machine. (Written machine-specific Safe Operating Procedures are available for general safety reference and in-house training).</p> <p>D**** M*****, C*****, B**** and M*** D**** (who have considerable experience of working with this sheet metal roller) have been appointed to train and assist with supervising trainees when operating or cleaning the machine.</p> <p>Any person undergoing training on this machine shall do so under the full supervision and direction of a qualified person until considered competent.</p> <p>No Young Person, i.e. any person who has not attained the age of eighteen, is allowed to operate or clean this machine.</p> <p>Pallet dismantling must only be carried out using two operatives at the same time.</p>	<p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Rare / Severe 1x4)</i></p> <p>Likelihood x Severity score: 9 – HIGH <i>(Possible / Moderate 3x3)</i></p>	<p><i>Any person who considers they require further training relevant to the work they will be carrying out should discuss matters with K** G***** before using this machine.</i></p> <p>Note: PDS Limited includes refresher training for operatives as part of the annual service visit.</p> <p><i>Any non-English speaking workers shall, when applicable, be provided supervision and safety information in their preferred language.</i></p> <p>Lone working on this machine is prohibited.</p>		

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<p>3. Work process</p> <p>Flying objects/debris. Contact with moving parts (abrasion, entanglement, nips, shearing, crushing, cutting, impact etc.). Vapours or fumes from works processes. Noise/vibration.</p> <p>Inadequate training or supervision increases the chances that an injury will occur. Taking into consideration any potential for:</p> <ul style="list-style-type: none"> • Widespread routine violations of procedures and conformity • Information not passed on, not understood or not implemented • Directors unaware of operatives' concerns or workplace issues • Standards not being met • Adequacy and effectiveness of safety training • Young persons 	<p>Machine operatives / trainees</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>Operatives are instructed that keys, adjusting wrenches or removal tools, or any other objects, MUST be removed prior to using the machine.</p> <p>Operatives are required to make a visible safety inspection of machine prior to use. Work will not commence if there are health and safety concerns which cannot be immediately rectified.</p> <p>Operatives are instructed they must not reach over the machine bed towards the blade when it is running where there is risk of serious injury. Note: the blade is located a distance of 1.2m away from the bed edge where operatives stand.</p> <p>In the event of others helping out with the task, they are effectively organised and movements co-ordinated by one person to see the job through safely.</p> <p>Operatives are instructed this machine must be switched to the 'OFF' position before isolations are removed (turning on the power source).</p>	<p>Likelihood x Severity score: 3 – LOW <i>(Rare / Moderate 1x3)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Rare / Severe 1x4)</i></p> <p>Likelihood x Severity score: 3 – LOW <i>(Possible / Not Significant 3x1)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p>			

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<p>3. Work process</p> <p>Flying objects/debris. Contact with moving parts (abrasion, entanglement, nips, shearing, crushing, cutting, impact etc.). Vapours or fumes from works processes. Noise/vibration.</p> <p>Inadequate training or supervision increases the chances that an injury will occur. Taking into consideration any potential for:</p> <ul style="list-style-type: none"> • Widespread routine violations of procedures and conformity • Information not passed on, not understood or not implemented • Directors unaware of operatives' concerns or workplace issues • Standards not being met • Adequacy and effectiveness of safety training • Young persons 	<p>Machine operatives / trainees</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>In accordance with Company policy, operatives are prohibited to remove residual cuttings or blockages from the moving blade or wheel unless the machine is switched off and power isolated at source.</p> <p>Any adjustments made to the machine shall be made when the machine has come to a complete STOP and isolated at the power source – NOT whilst the wheel or blade is still running.</p> <p>On observation during this assessment, the operatives showed no signs of careless use of the machine nor did they get distracted by other workplace activity.</p> <p>It is prohibited for operatives to leave this machine running unattended. The machine will be switched off when not in use or at the end of shift or working day i.e. power isolated at source.</p> <p>Debris shall not be removed from the work surfaces using bare hands. All debris and off-cuts are safely placed in an appropriate bin or compound.</p>	<p>Likelihood x Severity score: 3 – LOW <i>(Rare / Moderate 1x3)</i></p> <p>Likelihood x Severity score: 3 – LOW <i>(Rare / Moderate 1x3)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p>			

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<p>3. Work process</p> <p>Flying objects/debris. Contact with moving parts (abrasion, entanglement, nips, shearing, crushing, cutting, impact etc.). Vapours or fumes from works processes. Noise/vibration.</p> <p>Inadequate training or supervision increases the chances that an injury will occur. Taking into consideration any potential for:</p> <ul style="list-style-type: none"> • Widespread routine violations of procedures and conformity • Information not passed on, not understood or not implemented • Directors unaware of operatives' concerns or workplace issues • Standards not being met • Adequacy and effectiveness of safety training • Young persons 	<p>Machine operatives / trainees</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>Exposure to vibration is avoided or reduced as much as possible by use of suitable work methods.</p> <p>While occasional exposure to vibration when using this machine is unlikely to cause injury, a health surveillance questionnaire is periodically given to operatives to complete to help identify any areas that may be of risk to their health and well-being. This is part of the Company's programme of pre-exposure and periodic health surveillance in accordance with regulation 7 of the Control of Vibration at Work Regulations.</p> <p>The following PPE is available and worn by operatives: Eye protection (mandatory) - safety goggles or spectacles for protection against impact or dust; Hearing protection (mandatory) – ear defenders or ear plugs; Safety shoes or boots (mandatory) for protection against falling materials; Safety gloves (mandatory) – for protection against sharp objects. The Company requires that all PPE is clean and intact prior to use.</p>	<p>Likelihood x Severity score: 2 – LOW <i>(Rare / Slight 1x2)</i></p> <p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p> <p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p>			

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<p>4. Occupational health hazards Taking into consideration hazards, which may include:</p> <p>Negative occupational factors exposed to at work causing negative outcomes, such as work-related stress, fatigue, health-related behaviours, a number of acute and chronic physical health problems, psychological distress and ill-health, accidents and injuries at work.</p> <p>Cardiovascular disease (CVD) (heart attack and stroke). CVD risk factors, including blood pressure and physical activity patterns.</p> <p>Musculoskeletal disorders (including back, neck, leg or arm pain or discomfort).</p> <p>Combined effects of occupational hazards on mood, performance and physical health.</p>	<p>Machine operatives</p>	<p>The recruitment process ensures operatives are medically fit and suitable to use this machine. Health factors such as heart, lung or lifting capacity shall be taken into consideration when involving older members of the workforce with lifting and carrying heavy loads.</p> <p>Operatives are informed at induction they must not carry out or continue with any task if it is beyond their physical or mental capabilities; or to undertake work duties while under the influence of drugs or alcohol, or while taking a course of medicine that might impair their judgement.</p> <p>Allowances will be made for any health problem which may have a bearing on an operative’s ability to carry out tasks safely.</p> <p>Tasks can normally be completed smoothly and without complications e.g. free from delays which affect work frequency.</p> <p>Operatives are provided sufficient rest time to recover from the work process. Operatives take adequate pauses for rest or recovery. Shifts are kept to legal requirements.</p>	<p>Likelihood x Severity score: 4 – LOW (Unlikely / Slight 2x2)</p> <p>Likelihood x Severity score: 4 – LOW (Unlikely / Slight 2x2)</p> <p>Likelihood x Severity score: 4 – LOW (Unlikely / Slight 2x2)</p> <p>Likelihood x Severity score: 4 – LOW (Unlikely / Slight 2x2)</p> <p>Likelihood x Severity score: 4 – LOW (Unlikely / Slight 2x2)</p>			

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<p>4. Occupational health hazards Taking into consideration hazards, which may include:</p> <p>Negative occupational factors exposed to at work causing negative outcomes, such as work-related stress, fatigue, health-related behaviours, a number of acute and chronic physical health problems, psychological distress and ill-health, accidents and injuries at work.</p> <p>Cardiovascular disease (CVD) (heart attack and stroke). CVD risk factors, including blood pressure and physical activity patterns.</p> <p>Musculoskeletal disorders (including back, neck, leg or arm pain or discomfort).</p> <p>Combined effects of occupational hazards on mood, performance and physical health.</p>	<p>Machine operatives</p>	<p>Operatives do not require unusual strength or capability to use this machine. There is no evidence to suggest routine tasks using this machine are beyond the physical capabilities of the person(s) completing them.</p> <p>The demands of each normal task are not excessive. The pace of work is not forced. Deadlines do not affect the speed in which routine tasks are undertaken.</p> <p>Any lifting and carrying shall be carried out in accordance with safe manual handling procedure and technique, including team assistance when required.</p> <p>Repetitive handling and awkward movements will be avoided whenever possible.</p> <p>There has been no recurring history of ill-health or serious injury involving this machine (ref: accident records and RIDDOR).</p>	<p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 8 – HIGH <i>(Likely / Slight 4x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p>	<p>4.1 A separate manual handling risk assessment should be completed to identify hazards and subsequent control measures for safeguarding operatives when lifting and carrying pallets.</p>	<p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p>	<p>M*** N***** 11 / 12 / 18</p>

NAME OF RISK ASSESSMENT: **Safe use of the Green Machine pallet dismantler – RA and SSoW**

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<p>4. Occupational health hazards Taking into consideration hazards, which may include:</p> <p>Negative occupational factors exposed to at work causing negative outcomes, such as work-related stress, fatigue, health-related behaviours, a number of acute and chronic physical health problems, psychological distress and ill-health, accidents and injuries at work.</p> <p>Cardiovascular disease (CVD) (heart attack and stroke). CVD risk factors, including blood pressure and physical activity patterns.</p> <p>Musculoskeletal disorders (including back, neck, leg or arm pain or discomfort).</p> <p>Combined effects of occupational hazards on mood, performance and physical health.</p>	<p>Machine operatives</p>	<p>In accordance with health and safety best practice, operatives are encouraged to carry out regular self-checks and will be referred to their GP should anyone develop any work related medical condition, such as contact dermatitis, occupational asthma, HAVS etc. <i>The Company shall, from time to time, consider using assistance from competent persons such as an occupational health nurse, doctor or health specialist to monitor the health and well-being of employees.</i></p> <p>To help prevent any spread of contamination, operatives are required to follow a suitable standard of personal hygiene practices.</p> <p><i>Average impact noise measurement at the time of risk assessment: 97.2db, (resulting with a daily personal exposure level of 91-94 L_{EP,d} (db) dependent on exposure being between 2-4 hours). Suitable hearing protection is, therefore, mandatory when using this machine.</i></p>	<p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p> <p>Likelihood x Severity score: 4 – LOW <i>(Unlikely / Slight 2x2)</i></p>			

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<p>5. Management commitment</p> <p>In consideration of: committing to the safety of employees and visitors, and continuous improvement for safeguarding all persons affected by pallet dismantling works.</p>	<p>Machine operatives / trainees</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>The Company has a written agreed health and safety policy, which applies to all <i>Green Machine</i> operatives on health and safety in the workplace.</p> <p>The Company shall always consider purchasing alternative machine which eliminates or reduces exposure to vibration and noise when looking to acquire new or replacement machinery.</p> <p>The management of health and safety performance is monitored by:</p> <ol style="list-style-type: none"> 1. Reviewing accident statistics 2. Site health and safety tours 3. Employee feedback <p>Employees are consulted on any related matters which may affect their health and safety. Recorded themed toolbox talks are carried out as part of a pre-determined training programme.</p> <p>Operatives are included in the Company's Employers Liability Insurance cover.</p> <p>Smoking is prohibited in the works area.</p>	<p>Likelihood x Severity score: 4 – LOW (Unlikely / Slight 2x2)</p> <p>Likelihood x Severity score: 4 – LOW (Unlikely / Slight 2x2)</p> <p>Likelihood x Severity score: 4 – LOW (Unlikely / Slight 2x2)</p> <p>Likelihood x Severity score: 4 – LOW (Unlikely / Slight 2x2)</p> <p>Likelihood x Severity score: 1 – LOW (Rare / Not Significant 1x1)</p> <p>Likelihood x Severity score: 1 – LOW (Rare / Not Significant 1x1)</p>			

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<p>5. Management commitment</p> <p>In consideration of: committing to the safety of employees and visitors, and continuous improvement for safeguarding all persons affected by pallet dismantling works.</p>	<p>Machine operatives / trainees</p> <p>Other employees in the works vicinity</p> <p>Visitors</p> <p>Maintenance, service and repair contractors</p>	<p>There is first aid procedure in place for dealing with accidents and incidents. In the event of a dangerous situation arising during operation of the machine, operatives are required to:</p> <ol style="list-style-type: none"> 1. STOP WORK IMMEDIATELY. 2. Inform K** G***** (or J**** I**** in his absence). 3. Make sure work colleagues and/or other persons in the vicinity are made aware and kept well clear of the hazard. 4. Not recommence work until further instruction. <p>An appropriate portable fire extinguisher (2kg 13A 70B C Powder) is provided and installed close to the hazard area in accordance with BS 5306-8.</p>	<p>Likelihood x Severity score: 6 – MEDIUM <i>(Possible / Slight 3x2)</i></p> <p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p>	<p>5.1 While there is an Appointed Person (M*** D****, J**** I****) available to deal with accidents and incidents, a trained first aider (a second to cover their absence) is required during the hours of building occupation to take charge of first aid arrangements.</p>	<p>Likelihood x Severity score: 1 – LOW <i>(Rare / Not Significant 1x1)</i></p>	<p>K** G***** J**** I**** 11 / 3 / 19</p>

Mean level of risk:			Mean risk factor:
P	x	S	= R
1.81		2.27	4.11
			LOW RISK

Probability (P)	5=Almost certain, 4=Likely, 3=Possible, 2=Unlikely, 1=Rare
Severity (S)	5=Fatal, 4=Severe, 3=Moderate, 2=Slight, 1=Not significant
Risk (R)	1-4=LOW risk: no immediate action required but monitor. 4-8=MEDIUM risk: ensure adequate control measures are in place. 8-15=HIGH risk: STOP operation and take action to lower the level of risk. 15-25=EXTREME risk: Do NOT proceed. Implement control measures, then reassess.

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REFERENCE	PERSONS CONSULTED
<p><u>Key Legislation</u> The Health and Safety at Work (etc.) Act 1974 The Management of Health and Safety at Work Regulations 1999 (as amended)</p> <p>The Construction (Design and Management) Regulations 2015 (as amended) The Control of Noise at Work Regulations 2005 (as amended) The Control of Substances Hazardous to Health Regulations 2002 (as amended) The Electricity at Work Regulations 1989 (as amended) The Hazardous Waste (England and Wales) Regulations 2005 as amended 2009 The Health and Safety (First-Aid) Regulations 1981 (as amended) The Health and Safety (Safety Signs and Signals) Regulations 1996 (as amended) The Manual Handling Operations Regulations 1992 (as amended) The Personal Protective Machine Regulations 2002 (as amended) The Provision and Use of Work Machine Regulations 1998 (as amended) The Regulatory Reform (Fire Safety) Order 2005 (as amended) The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013 (as amended) The Supply of Machinery (Safety) Regulations 2008, as amended by the Supply of Machinery (Safety) (Amendment) Regulations 2011</p>	<p>K** G***** (Director) J**** I**** (Office Manager)</p> <p>C***** B**** (Lead machine operative) S***** S**** (Machine operative)</p>
	<p align="center">EXCLUSIONS:</p>
	<p align="center">No User Manual showing noise or vibration data for this machine was available for inspection at the time of risk assessment.</p>
	<p align="center">REVIEW DATE:</p>
<p><u>Bibliography</u> <i>Buying new machinery: A short guide to the law and your responsibilities when buying new machinery for use at work</i> INDG271(rev1) HSE 2011 <i>Controlling noise at work: The Control of Noise at Work Regulations 2005 Guidance on Regulations</i>L108 HSE February 2010 <i>Managing for health and safety</i> HSG65 (Third edition) HSE December 2013 <i>PDS Pallet Dismantler Band Saw (Mk 2) – Safe Operating Procedure</i> July 2010 <i>Six Hills Pallets Ltd Health and Safety Policy</i> August 2018 <i>Using work machine safely</i> INDG229 (rev2) Nov 2012</p>	<p>This risk assessment is to be reviewed September 2019 or when the assessment is considered no longer valid, such as when a significant change in the works process occurs, or for any other reason to suspect that the risk assessment might no longer be valid, such as in the event of an accident.</p> <p>By law, ALL employees must be made aware of the contents, findings, and recommendations made in this risk assessment.</p>