

## RISK ASSESSMENT OF PANEL LIFTING SYSTEM.

<b>ORGANISATION:</b> Sinoboom Intelligent Equipment Pty Ltd	<b>DESCRIPTION:</b> Panel Lifting System	<b>DATE:</b> 25/10/2024
<b>ASSESSMENT CONDUCTED BY:</b> Mitch Ely	<b>ADDRESS:</b> 39 Alta Road Caboolture, Qld 4510	<b>REVISION:</b> 1

Hazard No.	Hazard Description (the situation or parts of plant which could cause injury or illness)	Describe the control measure to be implemented	Method on which the control measure will be implemented.	For Action by Whom	Confirmation that the necessary action has been completed
1.	Potential crushing hazard due to falling panels from incorrect assembly of attachment.	The attachment has been designed for ease of assembly	Operations Manual details assembly of unit	SA	Action completed
		Operations manual details assembly of unit	Safe use decal on attachment states to read operators manual	SA	Action Completed
		The operator must install attachment correctly.	Fitting instructions has been provided in the operations manual.	Operator	
2.	Potential crushing hazard due to falling panels from worn or defective parts	Operations manual details assembly of unit.	Safe use decal on attachment states to read operators manual	SA	Action Completed
		Operator must ensure all parts are operational and installed correctly.	Operator to read safe use decal and operations manual	Operator	

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3	Potential crushing hazard due to falling panels from incorrect installation to machine.	Operations manual details installation of attachment into machine.	Safe use decal on attachment states to read operators manual	SA	Action Completed
		Operator must install attachment into machine correctly.	Operator to read safe use decal and operations manual	Operator	
4	Potential crushing hazard to installer due to pinch areas during the installation procedure.	Operation manual describes instructions on how to safely install attachment.	Warning Decal on attachment detailing hazard and to wear gloves	SA	Action Completed
		Installer to take care when fitting attachment to machine and glove must be worn during this operation.	Safe use decal on attachment states to read operators manual.	Operator	
5	Potential crushing hazard due to falling panels from fitting system to incorrect machine.	Operations manual details which machines can be used	Safe use decal on attachment states to read operator's manual	SA	Action Completed
		Operator must ensure the attachment is fitted to correct machine.	Operator to read and follow safe procedures on decal	Operator	

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6	Potential crushing hazard to workers below machine due to falling panels from elevated machine.	Operations manual outlines work area to be cleared before lift procedure.	Safe use decal on attachment outlines hazard and refers to operation manual.	SA	Action Completed.
		Site inspection and proper work practices to be implemented before attachment work commences.	Safe use decals on attachment outlines hazard and refers to operation manual.	Operator	
7	Potential crushing hazard from falling panels due to loaded attachment and driving elevated.	Safe use decal on attachment states do not drive elevated when loaded.	Safe use decal on attachment states to read operator's manual	SA	Action Completed
		Operator must not drive machine with attachment loaded while elevated.	Operator to read and follow safe procedures on decal	Operator	
8	Potential tip over hazard from excessive wind speed while machine is elevated and attachment is loaded.	Attachment is designed for indoor only applications. (0ms) wind speed	Safe use decal on attachment detailing hazard and operation manual outlines control measure.	SA	Action Completed
		Operator must not operate machine in any wind environment.	Safe use decal on attachment detailing hazard and operation manual outlines control measure	Operator	

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9	Potential crushing hazard due to falling panels from excessive wind speeds	Design of attachment prevents panels from moving in the attachment head.	Safe use decal and operation manual detailing hazard	SA	Action Completed
		Operator must not operate machine in any wind environment.	Safe use decal on attachment detailing hazard and operation manual outlines control measure	Operator	
10	Potential crushing hazard due to falling panels from structural overload of attachment.	Attachment / machine combination has been designed in accordance with relevant Australian Standards	Safe use decal & operation manual outlines correct Rated Capacity configurations.	SA	Action Complete
		Operator to ensure correct loading of attachment.	Operator to read and follow safe procedures on decal	Operator	
11	Potential crushing and tip over hazard due to increase in machine length from loaded attachment.	Machine is not to be driven while elevated.	Safe use Decal on attachment & operation manual outline hazards	SA	Action Complete
		Operator to ensure machine is not driven while elevated.	Operator to read and follow safe use decal & operation manual.	Operator	

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12	Potential tip over hazard due to operating machine on slope while attachment is loaded.	Attachment has been design to operate on flat level ground.	Safety decal on attachment & operations manual state use of attachment on flat level ground.	SA	Action Complete
		Danger decal on attachment states to read operation manual	Operator to read and follow safe procedures on decal	<b>Operator</b>	

NOTES:

1. SA: Refers to the person legally responsible for the design of the unit: it generally means the importer, the company or the legal entity that has responsibility under the health and Safety legislation in the state or territory in which the unit has been imported.
2. OP: Is the operator, authorised by management and responsible for the operation and preoperational inspection and use of the unit.

GENERAL NOTES:

1. This Risk Assessment has been prepared by Sinoboom Intelligent Equipment Pty Ltd (SA) for the subject plant and is not transferable to other plant or parties.
2. This Hazard Identification and Risk assessment document has been prepared based on information available at the date of publication. In order to ensure this Hazard Identification, Risk Assessment, Risk Control document is both accurate and complete; "Management of the Unit" must review it:
  - a) According to the particular circumstances under which the plant and/or process is used and maintained,
  - b) As new hazards are identified or as risks are re-assessed,
  - c) As new or revised control measures are implemented,
  - d) As and when work procedures are altered.
3. Column for completion has been provided on the document to allow the "Management of the Unit" to record that their Hazard Identification, Risk Assessment and Risk Control process has been completed and that all controls are in place and operating, When this column is completed the document becomes a record of the finalization of the process and the documentation (subject to any changes which need to be further reviewed in accordance with item 2 above).
4. The use of the word "AND" or "&" in the supplementary risk control measure column is intended to mean that the combination of risk control measures are to be implemented on the whole not in part.
5. The determination of risk, columns for risk identification is a subjective assessment based on the following factors: exposure – the number of times humans are exposed to the risk, the probability of the hazard arising, and the consequence of the hazard – death or serious injury.