



<b>Plant/Task/Layout:</b>	<b>Unique Code:</b>	
All Slasha models (Low, Medium and High Flow)	Slasha standard models and Excavator models	
<b>Description:</b>	Slasher is used for clearing scrub and overgrown land, it is perfect for cutting tall grass and brush. The Slasher attaches to the toolbar / quick attach mechanisms on loaders or on a quick hitch excavator. The slasher receives its power from the parent machine through the auxiliary calve circuit with the quick release couplers normally located on the machine arm near the front. Reviewed after version F of the Slasher Operators manual.	
<b>Department:</b>	<b>Location/Project:</b>	<b>Area:</b>
Admin QLD	Head Office	
<b>Process:</b>	<b>Risk Assessment Completed By:</b>	<b>Risk Assessment Date:</b>
Plant & Equipment	Ryan Bowen	13/10/2020
<b>Documents:</b>	9112-PM-000084-F- Slashers Operators Manual.pdf	

## Hazards with Added Risks

Item	Risk Description	Initial Risk	Control(s)	Reviewer	Review Date	Residual Risk
<b>Abnormal Situation</b>						
Are there any Intermittent conditions which causes an employee to take out of the ordinary action?	The operator manual indicates the attachment weight, however the operator may attempt to lift objects greater than the maximum lifting capacity if they change machines	13 (Medium) 52.00%	Ensure procedures stipulate maximum bucket lifting capacity and operators are aware of this.	AnthonyWieckmann	22/07/2024	9 (Medium) 36.00%
<b>Condition</b>						
Is a hazard likely due to the age and condition of the plant?	If the operating plant does not receive regular maintenance and pre-operational checks.	13 (Medium) 52.00%	Owner operator to devise a maintenance schedule and designate responsibility in line with the operational manual recommendations. Owner / operators to devise safe work procedures that require the operator to undertake pre-operational checks of the operating plant and attachment.	AnthonyWieckmann AnthonyWieckmann	22/07/2024 22/07/2024	9 (Medium) 36.00%
<b>Crushing/Trapping</b>						
<i>Can anyone be crushed/trapped due to</i>						
Uncontrolled/unexpected movement of plant/load?	When attaching the hydraulics of the slasher to the operating plant it is possible for an individual to put their foot under the slasher attachment, which could crush the foot if the hydraulic system fails.	13 (Medium) 52.00%	Ensure plant operator is trained in the correct attachment procedure Devise a procedure stipulating slasher skids must be grounded before hydraulic attachment	AnthonyWieckmann AnthonyWieckmann	22/07/2024 22/07/2024	9 (Medium) 36.00%
The plant tipping or rolling over?	Where maintenance on the attachments stationary blades is being conducted while lifted by the operating plant the hydraulics of the load/attachment could fail where a physical aid is not used to prop it up.	13 (Medium) 52.00%	Develop a safe work procedure for maintenance and proper usage and ensure maintenance personnel are trained in this. Install a physical support arm or prop on the slasher to be used when maintenance is occurring on the suspended attachment	AnthonyWieckmann AnthonyWieckmann	22/07/2024 22/07/2024	9 (Medium) 36.00%
<b>Cutting, Stabbing, Striking, Puncturing, Abrasion and Tearing</b>						
<i>Can anyone be cut, stabbed or punctured due to</i>						
Contact with sharp or flying objects?	If the slasher skids are not in direct contact with the ground surface a gap is left leaving the possibility of objects being ejected when the slasher blade is in motion.	8 (Medium) 32.00%	Operational manual describes the correct cutting position (for front and back) this restricts the height from the ground surface and is the preferred position for cutting Heavy chain skirt in front of slasher has been extend to remove the chance of flying projectiles from the rotating blades.	AnthonyWieckmann AnthonyWieckmann	22/07/2024 22/07/2024	5 (Low) 20.00%
Contact with moving parts during testing, inspection, operation, maintenance, cleaning or repair?	If the slasher skids are not in direct contact with the ground surface a gap is left leaving the possibility of objects being ejected when the slasher blade is in motion.	18 (High) 72.00%	Operational manual describes how to use the unit safely Chain dress in front and back stops flying objects Confirm the bystanders are at least a minimum safe distance of 15m (50ft) from the equipment, decals on equipment advise all persons to stay clear of slasher when in operation	AnthonyWieckmann AnthonyWieckmann AnthonyWieckmann	22/07/2024 22/07/2024 22/07/2024	10 (Medium) 40.00%



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Work pieces being ejected?	If the slasher skids are not in direct contact with the ground surface a gap is left leaving the possibility of objects being ejected when the slasher blade is in motion.	8 (Medium) 32.00%	Operational manual describes safe use of plant to reduce objects being ejected	AnthonyWieckmann	22/07/2024	5 (Low) 20.00%
Ergonomics						
Can anyone be injured due to						
Constrained body posture or movement or maintaining the same posture for prolonged periods?	When attaching the hydraulics the individual is required to apply force at an awkward angle.	8 (Medium) 32.00%	Do not lock auxiliary hydraulics of your host machine in the "ON" position when connect hydraulics	AnthonyWieckmann	22/07/2024	5 (Low) 20.00%
			Quick couplers used to assist with quick hydraulic system connection	AnthonyWieckmann	22/07/2024	
Location						
Is the location of the plant appropriate? (Consider potential affects due to the environmental conditions and terrain)	If the operating vehicle is used on unstable ground the slasher has potential to be tipped, exposing moving blades.	13 (Medium) 52.00%	Reduce speed when driving over rough terrain, on a slope, or turning, to avoid overturning the vehicle.	AnthonyWieckmann	22/07/2024	9 (Medium) 36.00%
Other						
Can anyone be injured or suffer ill-health from exposure to						
Dusts?	Depending on the terrain being slashed the process could generate nuisance dust.	8 (Medium) 32.00%	Ensure operators are aware of procedures and are provided with appropriate respirators	AnthonyWieckmann	22/07/2024	5 (Low) 20.00%
			Safe work procedures to be implemented to outline the personal protective equipment including (respiratory masks) when slashing in dusty environment	AnthonyWieckmann	22/07/2024	
Pressurised Content						
Can anyone come into contact with fluids or gas under high pressure, due to plant failure or misuse of the plant?	Failure of hydraulic line could release high-pressure fluid and cause hose to lash around and spray the operator	13 (Medium) 52.00%	Ensure your machine flow, pressure and load ratings do not exceed the maximum ratings stated on your slasher serial tag. It is the responsibility of the operator to ensure the unit's maximum rated flows, pressure and load ratings are never exceeded. Exceeding these will void warranty.	AnthonyWieckmann	22/07/2024	9 (Medium) 36.00%
			Hydraulic hoses are protected by hydraulic hose safety sleeve - if hose damaged, will reduce any hydraulic oil under pressure from spraying	AnthonyWieckmann	22/07/2024	
			The Digga Slasher receives its power from the parent machine through the auxiliary valve circuit with quick release couplers normally located on the machine arm near the front. Hook up hoses to auxiliary hydraulics as this will keep any hose failure release away from the operator	AnthonyWieckmann	22/07/2024	
			Implement an inspection regime and pre-operational checks of the hydraulic line and ensure operators are trained in this	AnthonyWieckmann	22/07/2024	
Shearing						
Can anyone's body parts be sheared between two parts of plant, or between a part of the plant and a work piece or structure?	If the operating plant is operated within the close vicinity of people, bystanders could be sheared between two parts	13 (Medium) 52.00%	Manufacturers recommendation is to ensure bystanders are at least a minimum safe distance of 15m (50 foot) from the equipment	AnthonyWieckmann	22/07/2024	9 (Medium) 36.00%
Slips/Trips/Falls						
Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to						
Uneven or slippery surfaces?	Slip trips and falls near excavations- If the operating vehicle manoeuvres the slasher near or around excavations.	13 (Medium) 52.00%	Host unit can be driven in either forward or reverse so slasher can cut in both directions giving driver clear vision of any excavation or holes	AnthonyWieckmann	22/07/2024	9 (Medium)
			Travel only with the Slasher in a safe transport position to prevent uncontrolled movement. Drive slowly over rough ground and on slopes.	AnthonyWieckmann	22/07/2024	36.00%
Systems of Work						
Have adequate arrangements been made for safe access and egress from the plant?	Currently there is nothing restricting persons from standing on and falling from the attachment while raised by the operating plant.	13 (Medium) 52.00%	Do not allow Site workers to climb or ride on Slasher at any time, including while stationary, in operation or being moved. Safety decals located on top of the slasher warning bystanders not to stand on unit	AnthonyWieckmann	22/07/2024	9 (Medium) 36.00%



Item	Risk Description	Initial Risk	Control(s)	Reviewer	Review Date	Residual Risk
Are operating procedures provided?	If the driver of the operating plant is not competent and attaches slasher incorrectly causing injury	13 (Medium) 52.00%	Operator manual describes how to safely operate the slasher, connection and maintenance	AnthonyWieckmann	22/07/2024	6 (Low) 24.00%
<b>Vibration</b>						
Can anyone be injured or suffer ill health from exposure to vibration?	If the operator of the skid steer is working on rough terrain and for prolonged periods of time.	8 (Medium) 32.00%	Reducing vibration of the operator is dependant on the host machine, minimal vibration will occur from the unit unless operating in rough terrain for prolonged periods, operator to operate host machine from inside the cab	AnthonyWieckmann	22/07/2024	5 (Low) 20.00%

## Hazards Deemed Not Applicable

Item
<b>Entanglement</b>
<ul style="list-style-type: none"><li>Can anyone's hair, clothing, gloves, cleaning brushes, tools, rags or other materials become entangled with moving parts of the plant or materials?</li></ul>
<ul style="list-style-type: none"><li>Can other items become entangled in moving parts of the plant? (air hoses, power cables)</li></ul>
<ul style="list-style-type: none"><li>Other factors</li></ul>
<b>Crushing/Trapping</b>
<i>Can anyone be crushed/trapped due to</i>
<ul style="list-style-type: none"><li>Material falling off the plant?</li></ul>
<ul style="list-style-type: none"><li>Lack of capacity to slow, stop or immobilise plant?</li></ul>
<ul style="list-style-type: none"><li>Parts of the plant collapsing?</li></ul>
<ul style="list-style-type: none"><li>Contact with moving parts during testing, inspection, operation, maintenance, cleaning or repair?</li></ul>
<ul style="list-style-type: none"><li>Being thrown off or under the plant?</li></ul>
<ul style="list-style-type: none"><li>Other?</li></ul>



<b>Item</b>
<ul style="list-style-type: none"><li>Being trapped between the plant and other structures?</li></ul>
<b>Cutting, Stabbing, Striking, Puncturing, Abrasion and Tearing</b>
<i>Can anyone be cut, stabbed or punctured due to</i>
<ul style="list-style-type: none"><li>The mobility of the plant?</li></ul>
<ul style="list-style-type: none"><li>Uncontrolled or unexpected movement of the plant?</li></ul>
<ul style="list-style-type: none"><li>Other?</li></ul>
<b>Electricity</b>
<i>Can anyone be injured by electrical shock or burnt due to</i>
<ul style="list-style-type: none"><li>Live electrical conductors?</li></ul>
<ul style="list-style-type: none"><li>Working in close proximity to electrical conductors?</li></ul>
<ul style="list-style-type: none"><li>Overload of electrical circuits?</li></ul>
<ul style="list-style-type: none"><li>Damaged or poorly maintained electrical leads, cables or switches?</li></ul>
<ul style="list-style-type: none"><li>Water near electrical equipment?</li></ul>
<ul style="list-style-type: none"><li>Lack of isolation procedures?</li></ul>
<ul style="list-style-type: none"><li>Other?</li></ul>
<b>Noise</b>
<i>Can anyone using the plant, or in the vicinity of the plant suffer injury due to</i>



<b>Item</b>
<ul style="list-style-type: none"><li>Exposure to noise levels exceeding the maximum daily dose level? (85 dB(A) per 8hr day)</li></ul>
<ul style="list-style-type: none"><li>Excursions above 140 dB(A)?</li></ul>
<b>Radiation</b>
<ul style="list-style-type: none"><li>Can anyone using the plant, or in the vicinity of the plant suffer injury or illness due to exposure to radiation? (Consider all types of radiation, X-rays, Gamma rays, Microwaves, UV, IR, Lasers)</li></ul>
<b>Friction</b>
<ul style="list-style-type: none"><li>Can anyone be burnt due to contact with moving parts, materials or surfaces of the plant?</li></ul>
<b>Lighting</b>
<ul style="list-style-type: none"><li>Is lighting adequate for normal operation, cleaning and maintenance?</li></ul>
<b>Fire and Explosion</b>
<ul style="list-style-type: none"><li>Can anyone be injured by fire?</li></ul>
<ul style="list-style-type: none"><li>Can anyone be injured by explosion of gases, vapours, liquids, dusts or other substances?</li></ul>
<b>Temperature</b>
<ul style="list-style-type: none"><li>Can anyone come into contact with objects at high or low temperatures?</li></ul>
<ul style="list-style-type: none"><li>Other?</li></ul>
<b>Suffocation</b>
<ul style="list-style-type: none"><li>Can anyone be suffocated due to lack of oxygen, or Atmospheric contamination?</li></ul>
<b>PPE</b>
<ul style="list-style-type: none"><li>Is PPE required to operate this item?</li></ul>



Item
<ul style="list-style-type: none"><li>Is appropriate PPE signage displayed on this item?</li></ul>
<ul style="list-style-type: none"><li>Other?</li></ul>
<b>Slips/Trips/Falls</b>
<i>Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to</i>
<ul style="list-style-type: none"><li>Poor housekeeping, eg. swarf or spillage in the vicinity?</li></ul>
<b>Ergonomics</b>
<i>Can anyone be injured due to</i>
<ul style="list-style-type: none"><li>Poorly designed seating?</li></ul>
<ul style="list-style-type: none"><li>Repetitive body movement?</li></ul>
<ul style="list-style-type: none"><li>Other?</li></ul>
<b>Manual Handling</b>
<ul style="list-style-type: none"><li>Do the actions and postures involve reaching upwards or handling loads above shoulder height?</li></ul>
<ul style="list-style-type: none"><li>Do the actions and postures involve holding loads away from the body?</li></ul>
<ul style="list-style-type: none"><li>Do the actions and postures involve twisting the back, neck or upper body?</li></ul>
<ul style="list-style-type: none"><li>Do the actions and postures involve sideways bending or loading handling on one side?</li></ul>
<ul style="list-style-type: none"><li>Does the task involve long carrying distances?</li></ul>
<ul style="list-style-type: none"><li>Does the task involve sudden jerky, rapid or unexpected movements?</li></ul>



<b>Item</b>
<ul style="list-style-type: none"><li>• Are the forces and loads handled bulky, large or awkward?</li></ul>
<ul style="list-style-type: none"><li>• Are the loads handled difficult or uncomfortable to grasp or hold?</li></ul>
<ul style="list-style-type: none"><li>• Are the loads handled unstable, unbalanced or unpredictable?</li></ul>
<ul style="list-style-type: none"><li>• Does the task require strenuous pushing or pulling?</li></ul>
<b>Guarding and Emergency Stops</b>
<ul style="list-style-type: none"><li>• Are all moving parts guarded? (i.e. Rotating collars, spindles, shafts, chains, belts, nip points etc)</li></ul>
<ul style="list-style-type: none"><li>• Are emergency stops clearly marked and operational?</li></ul>
<b>Location</b>
<ul style="list-style-type: none"><li>• Does the plant impact on the surrounding workplace and Create potential hazards? (Consider potential impact on the design and layout of the workplace)</li></ul>
<ul style="list-style-type: none"><li>• Other?</li></ul>
<b>Abnormal Situation</b>
<ul style="list-style-type: none"><li>• Could any foreseeable abnormal conditions, misuse or fluctuations in operation conditions create potential hazards? (State nature of hazards)</li></ul>
<ul style="list-style-type: none"><li>• Other?</li></ul>
<b>Systems of Work</b>
<ul style="list-style-type: none"><li>• Could work systems/processes associated with the plant create potential hazards? (list hazards)</li></ul>
<ul style="list-style-type: none"><li>• Are operator controls located appropriately and clearly labelled?</li></ul>
<b>Other</b>



<b>Item</b>
<i>Can anyone be injured or suffer ill-health from exposure to</i>
<ul style="list-style-type: none"><li>Chemicals?</li></ul>
<ul style="list-style-type: none"><li>Toxic gasses or vapours?</li></ul>
<ul style="list-style-type: none"><li>Fumes?</li></ul>
<ul style="list-style-type: none"><li>Oils?</li></ul>
<ul style="list-style-type: none"><li>Other?</li></ul>
<b>Falls from Heights</b>
<i>Can anyone fall from a height due to</i>
<ul style="list-style-type: none"><li>Lack of proper work platforms, stairs or ladders?</li></ul>
<ul style="list-style-type: none"><li>Lack of guardrails or other suitable edge protection?</li></ul>
<ul style="list-style-type: none"><li>Unprotected holes, penetrations or gaps?</li></ul>
<ul style="list-style-type: none"><li>Poor floor or walking surfaces, such as the lack of a slip-resistant surface?</li></ul>
<ul style="list-style-type: none"><li>Steep walking surfaces?</li></ul>
<ul style="list-style-type: none"><li>Collapse of the supporting structure?</li></ul>
<ul style="list-style-type: none"><li>Other?</li></ul>