

Risk Register – LOG YARD & 3PY

Vault #	Task/Area where hazards exists	Hazard – what can cause harm	Potential outcome – what can happen	Likelihood	Consequences	Risk Rating (Inherent)	Required Control Measures	Frequency of Monitoring or Action Date	Personnel Responsible	Eliminate	Type Minimisation Controls	Likelihood	Consequences	Risk Rating (Residual)
4211	Log Yard/3PY Area - Congestion	Lack of visibility for the machine operators, and/or row collapse resulting in machine or person being struck by logs	Damage, fatality or serious injuries, minor injuries i.e., strains and sprains	B	5	E	<ul style="list-style-type: none"> Communications around area operations i.e., RT and visual confirmation Traffic management –signage for truck entry points and call up, yard area layout, day/night lighting Stock level management (Christmas and Easter focus) Induction programme – all persons must be inducted Log stacks not to be above bookend height, manage overall height through stock management Conduct log storage space reviews as required Minimum PPE requirements – hard hat, safety boots and high visibility clothing D/N, specified 'disco vest' for DGL log butt marking Vehicle drivers to remain in vehicle unless permission given by loader/plant operators. Minimise foot traffic around log stacks and machine activity. Routine inspection, plant service and maintenance Reversing camera's and/or buzzer in mobile plant where possible. Yard maintenance to maintain available space for use and reduce congestion. Dust control to manage visibility and fine particle health risks Lidar camera to pick up on Hi-vis (future control?) Stock management via new technology (future control?) 	All times All times All times All times All times All times As required All times As planned As required	Contractor/ Yard Users Pan Pac Contractor Pan Pac/ Contractor Pan Pac/ Contractor Pan Pac All persons Truck driver Pan Pac Yard Users Machine operators Pan Pac Pan Pac & Contractor	X	A	C	5	H

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5294	Log Yard/3PY Access: – Log Trucks – Light vehicles – Other trucks	Trucks being hit by logs or other vehicles, person being hit by log truck or log, noise from plant, foreign bodies	Fatality, serious injuries, hearing loss, property damage	B	5	E	<ul style="list-style-type: none"> Communications around area operations i.e., RT and visual confirmation Traffic management – signage for truck entry points and call up, yard area layout, day/night lighting Induction programme – all persons must be inducted Minimum PPE requirements – hard hat, safety boots and high visibility clothing D/N, specified 'disco vest' for DGL log butt marking Vehicle drivers to remain in vehicle unless permission given by loader/plant operators. Minimise foot traffic around log stacks and machine activity. Schedule maintenance works on weekends Rear and forward-facing cameras and flashing lights 	All times All times All times All times All times Where required Where required Where required	Pan Pac Pan Pac Pan Pac Pan Pac/ Truck driver Truck driver All persons Pan Pac Pan Pac	X	I, E, A, PPE	D	5	M
5295	Log Yard/3PY - Dust	Dust	Respiratory illness, eye irritation	A	4	E	<ul style="list-style-type: none"> Dust suppression using water cannons and trucks Air quality monitoring - PM10 Management Procedure and visibility on cameras Exposure monitoring - investigate the type of airborne particulate and actual or potential health risks Health monitoring – lung function testing Induction programme – all persons must be inducted Safety glasses (mandatory when on foot) and dust masks Ongoing sealed surface programme 	Where required All times Where required Periodic All times All times Planned maintenance	Pan Pac/ Contractor Pan Pac Contractor Pan Pac Pan Pac Pan Pac/ Contractor Pan Pac/ Contractor Pan Pac	X	E, A	DF	1	L

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5296	Log Yard/3PY – Physical hazards	Uneven ground, open drains, potholes	Body stressing and damage to machines, serious injuries.	B	4	H	<ul style="list-style-type: none"> Isolate holes or temporary fill holes Report all holes to Pan Pac Machines with ROPS and seatbelts used where fitted Induction programme – all persons must be inducted Ongoing sealed surface programme Specialised log heads for increased load security 	As identified As identified All times As required As identified	Contractor Contractor Contractor Pan Pac/ Contractor Pan Pac Contractor	X	I, E, A	D	2	M
6386	Log Yard/3PY – Machinery	Machinery/plant operations impacting on property or persons. Projectiles from saw blade and mechanised processor, entanglement, plant failure struck by logs or plant, fire and fumes, noise, slips, trips and falls, hazardous substances.	Fatality, cut, crush, foreign body injuries, negative health impacts. Property and environmental damage.	A	5	E	<ul style="list-style-type: none"> Onsite hazard identification and risk assessment Safe working distance from processor >70m Induction programme – all persons must be inducted Drivers to remain in cab wherever possible Foot traffic minimised; TMP in place Maintain and operate plant and vehicles as per manufacturers' operating manual Maintain communication and agree on work plans with plant operators Spill kits Maintain working surface area and schedule works for maintenance Health monitoring of workers Fire - Fire alarms/extinguishers operational Polycarbonate windscreen on processor Lock out device must be applied when carrying out machine maintenance Minimum PPE – helmets, high vis, safety footwear PPE for task specific – hearing, glasses, gloves 	All times All times All times All times All times As required All times As required Annually All times All times As required All times When required	Contractor All persons All persons Contractor All persons Contractor Pan Pac/ Contractor Workers Contractor Pan Pac Contractor Contractor Contractor Contractor	X	I, E, A, PPE	D	5	M

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6389	Buried Services	Electric shock, fire, high pressure water	Fatality, electrocution, burns, foreign body injuries, and property and environmental damage.	B	5	E	<ul style="list-style-type: none"> • Prestart risk assessment and toolbox discussion. • Follow Pan Pac Permit to Work Procedure (PPP-PRO-S53) • Follow Pan Pac Excavation Certificate Procedure (PPP-PRO-S12) • Follow Pan Pac Management of Change (MOC) Procedure (PPP-PRO-S57) for new Capital and system/process change works. • Record accurate as-built information for new build projects and when services are discovered, for site service drawings. • Use service maps, cable location technology, hydrovacing and potholing to confirm service locations and depth. • Staff trained and assessed as competent to undertake tasks. • Minimum PPE worn (hard hat, safety boots, high visibility clothing) and task specific PPE worn (hearing and eye protection, gloves). • Follow any lockout procedure. • Maintain communication and agree on a work plan with any Plant Operators. • Use Approved Contractors only. 	All times All times All times All times All times All times All times All times All times All times All times All times	All persons All persons All persons Pan Pac All persons All persons All persons All persons All persons All persons All persons Pan Pac	X	I, A PPE	D	5	M