

HEALTH & SAFETY ASSESSMENT FORM

HSAF 23

GENERAL RISK ASSESSMENT FORM

Site Pontrilas Sawmills Ltd	Location on site Conversion – Treatment plant	Persons at Risk All in treatment plant area	Assessment No. CON-10v2
Process producing Chemical treatment of timber	Equipment in use Treatment pressure vessels	Assessor Sara Withers	

Hazards associated with activity / event	Is it reasonably practical to eliminate the hazard	Risk level without existing control measures			Risk as low as is reasonably practicable (< 7)	Existing control measures provided to reduce risk to acceptable level	Risk level with existing control measures			Risk as low as is reasonably practicable (< 7)	Additional controls necessary to reduce risk to an acceptable level	Risk level with additional short term control measures			Risk as low as is reasonably practicable (< 7)	Person responsible for implementing	Date implemented
		Likelihood (1-5)	Severity (1-5)	Risk Level (1-25)			Likelihood (1-5)	Severity (1-5)	Risk Level (1-25)			Likelihood (1-5)	Severity (1-5)	Risk Level (1-25)			
Chemical substances present on floor from wet packs.	N	4	4	16	N	Trained and authorised operators Trained and authorised forklift drivers present in plant Heating system installed to dry packs Wet packs are not permitted to taken from plant Visitors accompanied into the plant	1	4	4	Y							
Unauthorised personnel accessing the area.	N	3	4	12	N	Chemical signage on display Signage on display in the plant	1	4	4	Y							
Ratchet straps left on floor causing a slip trip and fall hazard.	N	3	3	9	N	Continuous house keeping in progress	1	3	3	Y							
Wet packs left on roller conveyor system.	N	3	3	9	N	Trained and authorised operators Trained and authorised forklift drivers present in plant Heating system installed to dry packs Wet packs are not permitted to taken from plant Visitors accompanied into the plant	1	3	3	Y							
FLT loading and unloading carriages.	N	3	3	9	N	1.2m exclusion zone is in place around all forklifts. No other operators are in the area Trained and authorised FLT drivers	1	3	3	Y							
Pushing loaded carriage into old vessels using a FLT.	N	3	4	12	N	A tool is used on the front of the forklift to prevent the FLT from entering the vessel pit. Carriages are on tracks to guide them into the vessel.	1	4	4	Y							
Contact with chemicals while securing packs to carriages.	N	4	3	12	N	Chemical resistant gloves are used while handling ratchet straps. Each plant operator issued overalls, face shield and chemical protective wellingtons	1	3	3	Y							
Losing control of FLT due to slippery floor surfaces in the treatment plant shed.	N	3	3	9	N	Trained and authorised forklift drivers Forklifts carry a heavy pack when pulling trollies out of pots 2 and 3	1	3	3	Y							

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Cutting hand on probe while heat testing timber	N	3	3	9	N	Spare hand is kept out of way while probe is inserted into timber, correct testing device is being used.	2	3	6	Y							
Closing and opening old vessel doors.	N	3	3	9	N	Tools are used to remove rails from track with minimal effort. Doors are then manually shut and locked with a hydraulic locking system. Manual handling training has been given.	2	3	6	Y							
Opening and closing door on new Tanalith vessel.	N	3	3	9	N	All operations for this vessel are done via the main control panel for the vessel. No operator manual handling is required.	1	3	3	Y							
Loading and unloading new Tanalith vessel.	N	3	4	12	N	Mechanical roll in carriages operated from the control box prevent the need for a forklift to push them in or pull them out.	1	4	4	Y							
Unloading old treatment vessel using a FLT.	N	3	4	12	N	FLT uses a cable to pull the carriage out of the treatment vessel. 1.2m exclusion zone in place for all FLT's.	1	4	4	Y							
Storage of base chemicals.	N	3	4	12	N	Chemical tanks are stored in a bunded area to prevent contamination in the event of a spillage.	1	4	4	Y							
Contact with harmful chemicals when collecting samples for testing	N	3	4	12		Chemical resistant gloves, overalls, face shield and chemical protective wellingtons when obtaining samples. Trained and authorised operators Safe Working Procedures	1	4	4	Y							
Storing empty IBC chemical containers.	N	3	3	9	N	All IBC containers are stacked safely behind wood packs to prevent unauthorised access to them.	2	3	6	Y							

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Contact with harmful chemicals when changing a IBC chemical container.	N	4	4	16	N	Chemical resistant aprons, gloves / sleeves, coveralls, safety wellingtons and face shield are worn when disconnecting the feed pipe. Trained and authorised operators Safe Working Procedures	1	4	4	Y							
Contact with FLT entering and exiting shed.	N	3	3	9	N	None.	3	3	9	N	FLT to sound horn when entering and exiting the shed.	2	3	6	Y	Treatment Plant Operators	Ongoing
Testing chemicals used in the treatment process.	N	3	4	12	N	Easy to clean stainless steel cup is used to collect sample, it is then tested in a hydrometer. Chemical resistant PPE is used in this process.	1	4	4	Y							

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