

Critical Risk Controls



**SUDDEN IMMERSION
IN WATER**

- Wear a life jacket or PFD (Personal Flotation Device) when working within 1 metre of the wharfs edge.
- Wear a life jacket or PFD when working above water.
- Keep wharf edges clean and clear.
- Ensure high standards of housekeeping on vessels and punts.



DIVING

- Diving is not allowed without an authorised dive permit in place.
- Dive flags are to be displayed.
- All divers are to be certified.
- Divers must notify the watchman before diving operations begin and maintain communication during the dive.



STORED ENERGY

- Before starting work look for potential stored energy hazards and implement controls.
- Have a qualified person isolate and lock out/tag out energy points and bump test.
- Never stand in an area where you could be in the line of fire.
- Always have an escape path.



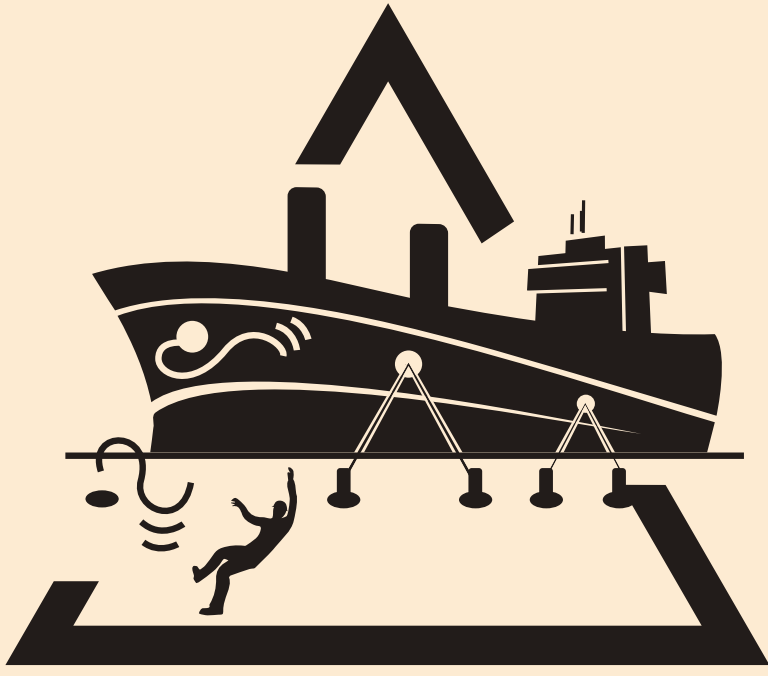
**WORKING IN A
CONFINED SPACE**

- Working in a confined space is not permitted unless an authorised permit is in place.
- Workers must be trained to the current confined space entry unit standard.
- A risk assessment must be completed.
- A rescue plan must be developed and in place.



**SUSPENDED LOADS,
DROPPED OBJECTS**

- Stand clear of suspended loads and use tag lines to direct the load.
- Cordon off exclusion zones and check loads are free from loose items before lifting.
- Lifting equipment is operated by a trained and competent person.
- Ensure loads are rigged by a trained and competent person.
- Lifting equipment must be certified and fit for purpose.



**LINES UNDER TENSION
SNAP BACK**

- Be aware and stand clear of lines coming under tension.
- Be aware of lines that are singing, cracking or narrowing and move away from them immediately.
- Do not stand or work in snapback zones.
- You must be trained to undertake mooring tasks.
- Place physical barriers to isolate workers from snap back risk.



**WORKING AT
HEIGHT**

- Use elevated work platform or a cherry picker to gain access to heights work.
- Use a certified fixed or mobile scaffold.
- Use a safety harness with fall restraint system.
- Only use ladders for short duration, low risk work and ensure correct footing.
- You must be trained to undertake heights work that requires use of harness, restraint system or heights mobile equipment.



**PERSON VS
MACHINE**

- Keep to designated walkways and look before crossing into work areas.
- Signal drivers of mobile plant and wait for the OK before approaching.
- Wear day/night reflective hi visibility vest/clothing.
- Seek permission from area supervisor before entering operational areas.
- Stay alert and keep aware of your surroundings.



PILOT TRANSFER

- Vessels are to confirm that their pilot ladder meets international maritime standards.
- Deckhand and Pilot are to visually check the condition of the ladder once on the foredeck.
- Pilot to step onto ladder with best effort to time with the top of the swell.
- Pilot launch to remain in position as per SOP's.
- Pilot boarding is to be suspended if sea conditions are unsafe or pilot ladder is defective.



**VEHICLE OVER
WHARFS EDGE**

- Drivers are to be fit for work and unaffected by fatigue.
- Traffic management plans must be in place for wharf operations.
- Drivers are to keep within speed limits and drive to conditions.
- Travel ways are to remain clear and unobstructed.



**LIGHT VEHICLE VS
HEAVY VEHICLE**

- Ensure flashing beacon and head lights are on within Port areas.
- Follow all call-up protocols when entering and exiting operational areas.
- Drive to conditions and within speed limits.
- Ensure give-way and stop signs are obeyed when driving.



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