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Safe Work Method Statement

Project:	Sydney Ferries MV Hunter	SWMS Prepared By:	Andrew Tuckey
Principal Contractor:	Sydney City Maritime	SWMS No:	SWMS01
Location:	Rozelle	Last Reviewed:	Mon 19FEB25
Contact:	David Scott 0437 313 156	SWMS Completed By:	Andrew Tuckey 0411 701 570
Description of Work:	Provide standby & rescue services for confined space entrants.	Date Completed:	Mon 11JAN26

Applicable OHS Legislation	Minimum Licence/Competency requirements for Task	Applicable Hazard Control Standards for Task
NSW Work Health & Safety Act 2011	Construction White Card	AS2865-2009 Confined Spaces
NSW Work Health & Safety Regulations 2011	Enter Confined Space	Confined Spaces Code of Practice 2018
	Gas Test Atmospheres	Hazardous Manual Tasks Code of Practice 2018
	Issue Work Permit	Managing Risk of Falls at Workplaces Code of Practice 2018
	Conduct Risk Assessment	
	Confined Space Rescue	

Preceding Works & Requirements

This section is to be used to specify any processes and/or standard requirements prior to conducting the activity and does not need to be repeated in the main body of the SWMS

All persons must report fit for Work e.g. - Not affected by Drugs (includes prescription medication), Alcohol or Fatigue, & must complete a Medical Declaration

A JSA addressing the task and workplace hazards must be completed and signed by all personnel before work commences each shift

Standard PPE to be worn for all steps included in this SWMS. This includes: full length clothing / hard hat / safety footwear / hi-vis clothing / safety glasses / task suitable gloves (as required)

Confined Spaces Entry Permit and/or other applicable permits (Hot Work etc)

Emergency Plan

The following specialised equipment / emergency provisions must be readily accessible at the worksite prior to commencement:

- Dry chemical fire extinguisher - Communication devices (Phone, Radio etc)	- Atmospheric monitoring device, tested and within calibration. - First aid kit and trained 1st aider	- Barricades & signage - Rescue equipment
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Monitoring and Review of Risk Controls

- Daily pre-start meeting conducted with work crew prior to commencement. - SWMS reviewed on an annual basis or following any material change to the task or risks.	- JSA prepared prior to commencement of task. - Incident Reports
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SWMS - Confined Spaces

RISK ASSESSMENT MATRIX						
What would the <u>CONSEQUENCE</u> of an occurrence be?	What is the <u>LIKELIHOOD</u> of an occurrence?					Hierarchy of Controls
	Almost Certain A	Likely B	Possible C	Unlikely D	Rare E	
Catastrophic - 5 Fatalities. On or off site release with severe, long-term damage.	E-1	E-2	E-4	E-7	H-11	Can the hazard be Eliminated or removed from the work place?
Major - 4 Severe Injuries or illness (amputation, LTI). Off site release with significant damage.	E-3	E-5	E-8	H-12	H-16	Can the product or process be Substituted for a less hazardous alternative?
Moderate - 3 Medical treatment required. On site release with significant damage.	E-6	H-9	H-13	M-17	M-20	Can the hazard be Engineered away with guards or barriers?
Minor - 2 First aid treatment. On site release, minor short-term damage and immediately contained.	H-10	H-14	M-18	L-21	L-23	Can Administration Controls be adopted? (i.e. procedures, job rotation etc)
Insignificant - 1 No injury or illness. Minor localised spill, limited damage to insignificant area.	H-15	M-19	L-22	L-24	L-25	Can Personal Protective Equipment & Clothing be worn to safe guard against hazards?

SWMS - Confined Spaces

Steps	Hazards	Risks	Initial Risk	Controls	Residue Risk	
Setting up equipment	Manual handling heavy equipment	Muscle strain	M18	Follow Manual Handling SWP	L23	
		Dropping & damaging equipment	M18	Use mechanical lifts where possible	L23	
		Damaging site		Wear gloves & safety boots		
	Pedestrian hazards			Adequately protect work area & access way		
		Trips	H13	Use signage &/or barriers around obstructions	L24	
	Working at height			Maintain & tidy & organised work site		
		Falls	E4	Barricading to be erected near falls	L23	
	Chemical spills			Harness & fall arrestor to be used when outside or no barricading		
		Fumes	H13	Lids to be checked secure before transport to work area	L21	
		Burns	H13	Chemicals to be stored, transported & decanted in bunded containers	L21	
Environmental damage			Respiration & eye protection worn when decanting			
			Spill kit on hand			
			Ensure work area & access way adequately protected			
Removing access panel to space	Manual handling heavy access plates	Muscle strain	M18	Follow Manual Handling SWP	L23	
	Use of 18V power tools	Hand &/or eye injury	M18	Gloves & eye protection to be worn	L23	
	Opening unvented/closed space	Dangerous gases	E4	Follow Gas Test Atmosphere guidelines for opening space	L23	
		Low oxygen	E4	Check tank contents before opening, disinfect when necessary	L23	
		Biological hazards	H13	Gloves, respiration & face/eye protection to be worn as required	L23	
		Skin irritants	H13	Constantly monitor atmosphere around access panel	L23	
				Leave space open for 24 hours before accessing		
Enter space	Enter unvented/closed space	Low oxygen	E4	Follow Gas Test Atmosphere guidelines before entering space	L23	
		Flammable gases	E4	Mechanically ventilate space	L23	
		H2S gas	E4	Wear appropriate PPE as identified in JSA	L23	
		Paint or chemical fumes	M18	Constant gas monitoring	L25	
		Biological hazards	M18	Wear appropriate PPE as identified in JSA	L24	
	Large drop at entry	Infection		Flush & disinfect space before entry		
		Falls	E4	Harness & fall arrestor to be used	L23	
		Skin irritants	Chemical burns	H9	Wear appropriate PPE as identified in JSA	L23
					Mechanically ventilate space	
		Chemical fumes	H9	Flush space before entry	L23	
	Space filling when inside	Drowning/engulfment	H13	Pumps to be locked out & tagged identified in Permit	M20	
	Distance or barriers between entrant & standby	Difficulty communicating	E4	Communication method as identified in JSA	L25	
	Use of electrical equipment					
		Ignition source	E2	Use intrinsically safe equipment if identified in JSA	L25	
				Mechanically ventilate space		

SWMS - Confined Spaces

Steps	Hazards	Risks	Initial Risk	Controls	Residue Risk
	Space heated from sun	Electrocution		Check MSDS for hot flashpoint, ensure temp in space is below flash point	
		Heat exhaustion	H9	Fire extinguisher	L25
		Dehydration	H13	Cut off all power sources before entry Mechanically ventilate space Drinking water on hand	L25
	Exterior works	Noise	H9	Short shifts in space Arrange work in space around exterior works	L25
		Fumes	E4	Mechanically ventilate space Ensure permits & SWMS at project sign in station Wear appropriate PPE as identified in ISA	L21
Exit space	Large drop at entry	Falls	E4	Harness & fall arrestor to be used	L23
	Personnel left behind	Injury/death	E7	Ladders secure & suitable for task Standby to be present until all entrants have signed out	L25
	Equipment left behind	Cause pump blockage or other issues	L22	Check sign out sheet all entrants out before closing permit Reinspect/double check space after removing equipment	L25
Emergency Rescue	Unresponsive entrant	External extraction possible	E4	Workers to be harnessed and connected to winch at all times	L22
		External extraction not possible	E4	Harness to be worn by all entrants Communication method followed as described in Rescue Plan Rescue equipment & personnel as identified in Rescue Plan in close proximity	L22

Confirmation of review & acceptance

Page 5 of 5