

Confined Space Permit to Work

Work Order No:			
Location of Works:	Sydney City Marine Paint Shed A MV Ocean Flyer Starboard Black Aft Void		
Description of Works:	Remove black tank		
Issue Date:	Fri 16 JAN 26	Time:	08:45
		Valid to:	18:00
Risk Assessment Attached & Completed:	YES	Site Induction Required:	YES
Confined Space Authoriser:	ATuckey 0411 701 570	Cert No	26016-01

Requirements

Entrants PPE	
Respirator	X
Breathing Apparatus	
Eye Protection	X
Hard Hat	
Hand Protection	X
Protective Clothing	
Hearing Protection	X
Lifeline	
Harness	X

Other	
Mechanical Ventillation	X
Fire Extinguisher	X
Gas Meter	X
Eye Wash	X
2-way Communication	
Confined Space Signage	X
Safety Barriers	X
Intrinsically Safe Equipment Only	
1st Aid Kit	X

Paperwork to Attach	
Rescue Plan	X
Entry Register	X
JSA	X
MSDS	
Hot Works	

Rescue	
Harness	X
2-way communication	X
Mobile Phone	X
Full Face Respirator	X
Breathing Apparatus	X
Rescue Winch	X
Chemical Suit	
Rescue Personnel	X

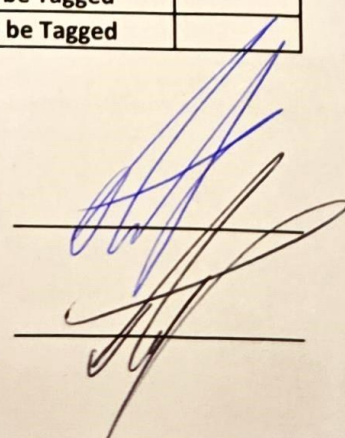
Isolations (Non Required)			
Power to be Tagged		Waste Pump to be Tagged	X
Fuel Pump to be Tagged		Ventillation to be Tagged	
Fire Systems to be Tagged		Compressor to be Tagged	
Isolations Removed			

Authorised By:

A Tuckey

Closed By:

A Tuckey



JSA - Confined Spaces

JSA Prepared By:	Andrew Tuckey	Last Reviewed:	Fri 08FEB21	Read & Understood By	
Description of Work:	Remove black tanks	Andrew Tuckey			
Vessel/Location	Oceanflyer 5th AFI Void	Gustavo Chmura			
JSA No:	JSA01	Andrew Koschel			
JSA Completed By:	A Tuckey	Craig Woodhull			
Date:	16/1/26	DAVID WISE-MANN			

Possible Hazards	Risks Without Controls	Control Measure To Be Used
☒ Manual handling heavy equipment	☒ Muscle strain ☒ Dropping & damaging equipment ☒ Damaging site	☒ Follow Manual Handling SWP ☒ Use mechanical lifts where possible ☒ Adequately protect work area & access way ☒ Gloves ☒ Safety boots
☒ Chemical spills	☒ Fumes ☒ Burns ☒ Environmental damage	☒ Lids to be checked secure before transport to work area ☒ Chemicals to be stored, transported & decanted in bunded containers ☒ Ensure work area & access way adequately protected ☒ Spill kit on hand ☒ Gloves ☒ Respirator ☒ Eye protection
☒ Use of 18V power tools	☒ Hand &/or eye injury ☒ Noise	☒ Gloves ☒ Eye protection ☒ Hearing protection
☒ Pedestrian hazards	☒ Trips	☒ Use signage &/or barriers around obstructions ☒ Maintain & tidy & organised work site
☐ Working at height	☐ Falls	☐ Barricading to be erected near falls ☐ Harness & fall arrestor
☒ Drop at entry	☒ Falls	☒ Barricading around entry ☐ Harness & fall arrestor to be used ☐ Ladders secure & suitable for task
☐ Opening unvented/closed space	☐ Dangerous gases ☐ Low oxygen ☐ Infection ☐ Skin irritants	☐ Follow Gas Test Atmosphere guidelines while opening space ☐ Check tank contents before opening ☐ Constantly monitor atmosphere around access panel ☐ Leave space open for 24 hours before accessing ☐ Disinfect opening & hatch ☐ Gloves ☐ Breathing apparatus ☐ Respirator ☐ Eye protection
☒ Working in unvented/closed space	☐ Low oxygen ☒ Flammable gases ☒ H2S gas ☐ Paint or chemical fumes	☒ Gas test atmosphere before entering space ☒ Constant gas monitoring ☒ Mechanically ventilate space ☐ Breathing apparatus ☒ Respirator
☒ Biological hazards	☒ Infection	☐ Flush & disinfect space before entry ☒ Regular use of disinfectant in space & on equipment ☒ Mechanically ventilate space ☒ Clean & disinfect tools before exit ☐ Breathing apparatus ☒ Respirator ☐ Chemical proof suit ☒ Gloves

REFLECTIONS

Detailing

Reflections Detailing

Sydney City Marina

37 James Craig Rd

ROZELLE NSW 2058

ABN: 17 564 497 726

Phone: 0411 761 576

Email: Admin@ReflectionsDetailing.com.au

Possible Hazards	Risks Without Controls	Control Measure To Be Used
☐ Skin irritants	☐ Chemical burns ☐ Chemical fumes	☐ Mechanically ventilate space ☐ Flush space before entry ☐ Chemical proof suit ☐ Breathing apparatus ☐ Respirator ☐ Eye protection ☐ Gloves
☒ Exterior works	☒ Noise ☒ Fumes	☒ Arrange work in space around exterior works if possible ☒ Mechanically ventilate space ☒ Ensure permits & SWMS at project sign in station ☒ Hearing protection ☒ Constant gas monitoring ☒ Respirator
☐ Space filling when inside	☐ Drowning/engulfment	☐ Pumps to be locked out or tagged
☒ Use of electrical equipment	☒ Electrocutation ☐ Ignition source ☒ Short circuit/fire	☐ Use intrinsically safe equipment ☒ Mechanically ventilate space ☒ Check MSDS for flashpoints, ensure temp in space is below ☒ Use of RCD with 240v tools ☒ Dry powder fire extinguisher ☒ 240v equipment to be tested & tagged ☒ Use of waterproof plug protectors
☒ Distance or barriers between entrant & standby	☒ Difficulty communicating with or hearing entrant	☐ 2-way communication ☒ Regular vocal communication ☐ Video monitoring of entrant ☐ Regular life line communication
☐ Grinding &/or sanding in space	☐ Dust & flying debris ☐ Noise ☐ Sparks ☐ Injury	☐ Eye/face protection ☐ Ear protection ☐ Gloves ☐ Respirator ☐ Guards attached to angle grinders ☐ Mechanically ventilate space ☐ Hot works permit
☐ Space heated from hot water or sun	☐ Dehydration ☐ Heat exhaustion	☐ Drinking water on hand ☐ Mechanical ventilation ☐ Short shifts in space
☒ Pressure cleaning	☒ Flying debris ☒ Noise ☐ Burns	☒ Eye/face protection ☒ Gloves ☒ Ear protection
☐ Use of chemical cleaners, paints or welding gases	☐ Chemical burns ☐ Chemical fumes ☐ Eye irritation	☐ Chemical resistant clothing ☐ Gloves ☐ Eye/face protection ☐ Breathing apparatus ☐ Respirator ☐ Mechanically ventilate space ☐ Monitor STEL & TWA for CO exposure, or use breathing apparatus ☐ MSDS available
☒ Personnel left behind	☒ Injury/death	☒ Standby to be present until all entrants have signed out ☒ Check on sign out sheet all entrants out before closing permit
☒ Equipment left behind	☒ Cause pump blockage or other issues	☒ Reinspect/double check space after removing equipment
☒ Entrant unresponsive	☐ Ability to remove entrant by external means ☒ Unable to extract worker by external means	☒ Entrant(s) to be connected to winch at all times ☒ Rescue equipment on site ☒ Rescue personnel on site ☒ Harness to be worn by all entrants ☒ 2-way communication available for rescue entrant ☒ Mobile phone for contacting 1st aid & emergency services

Gas Monitor Readings					
Time	Initials	O2	LEL	CO	H2S
9:00 am	G.C	20.9	0	0	0
9:30 am	G.C	20.9	0	0	0
10:00 am	G.C	20.9	0	0	0
10:30 am	G.C	20.9	0	0	0
11:00 am	G.C	20.9	0	0	0
11:30 am	G.C	20.9	0	0	0
11:45		19.7	0	7	14
12:00	G.C	20.9	0	0	0
12:35	G.C	20.9	0	11	23
13:00	G.C	20.9	0	0	0
13:22	G.C	20.9	0	0	0

Emergency Rescue Plan

Extraction Equipment List	
Harness	X
2-way communication	X
Mobile Phone	X
Respirator	X
Breathing Apparatus	X
Rescue Winch/Pulley	X
Chemical Suit	
1st Aid Kit	X

Emergency Names & Contacts	
1st Aid	Andy 0418 499 356
Rescue	Andrew 0411 701 570
Standby	Gustavo 0410084772
Site Contact/Reception	85727800
Project Manager	Dave 0437 313 156
Emergency	000

If entrant is unresponsive in Confined Space, the standby person shall:

External Extraction Possible		- Check atmosphere - Check ventilation is working - Perform external extraction - Call 1st aid & 000 - Advise Site Office/Reception & Project Manager where to send emergency services
External Extraction NOT Possible	X	- Call Rescue & 1st Aid by radio or phone - Re-check atmosphere - Check ventilation is working - Standby person to brief Rescue & 1st Aid personnel of situation - Rescue entrant to don harness, spreader bar and BA if required. - Standby person to attach rescue winch or pulley to the rescuers harness 1st aider to call 000, Site Office/Reception and Project Manager, advising them of the situation and what location (If the 1st aider has not arrived then the Standby person will start to make these calls) - Advise other standbys operating permits under rescue personnel control to remove their entrants. - Standby person and 1st aider to assist rescue personnel with entering the confined space - Rescuer to find entrant and assess his condition - Attach spreader bar and winch / pulley to entrants' harness - Instruct Standby person to start operating the winch under guidance from Rescue - Once entrant is out, 1st Aid Officer to administer CPR/First aid if necessary
Post Rescue Tasks	X	Standby to close space and permit Preserve scene for investigation. Complete incident report, give copy to head contractor. Contact Worksafe when possible.

Rescue Plan Read & Understood		
Rescue:	A Tuckey	
Rescue:		
Standby:	Gustavo C.	
Standby:		
Standby:		
Standby:		