

Confined Space Permit to Work

Work Order No:			
Location of Works:	Sydney City Marine Paint Shed A Ocean Adventurer Starboard fuel void		
Description of Works:	grinding/welding/fire fighting		
Issue Date:	MON 17 Aug 26	Time:	07:30 Valid to: 17:30
Risk Assessment Attached & Completed:	YES	Site Induction Required:	YES
Confined Space Authoriser:	Florian Sellner	Cert No	2608/7-01

Requirements

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

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

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

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

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

Authorised By:

Florian Sellner

Closed By:

Florian Sellner



Reflections Detailing
Sydney City Marine
37 James Craig Rd
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Phone: 0411 701 670
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JSA - Confined Spaces

JSA Prepared By:	Andrew Tuckey	Last Reviewed:	Fri 08 FEB 21	Read & Understood By	
Description of Work:	grinding welding fire fighting			Louis Jegham	Jegham
Vessel/Location	Ocean Adventure STP F.O. Void			Florian Sellner	Florian Sellner
JSA No:	JSA01			Will van Riet	Will van Riet
JSA Completed By:	Florian Sellner			Khye.c	Khye.c
Date:	17.08.26			Andrew Tuckey	Andrew Tuckey

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

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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

Time	Initials	O2	LEL	CO	H2S
7:50	LJ	20.9	0	0	0
8:20	LJ	20.9	0	0	0
8:50	LJ	20.9	0	0	0
9:20	LJ	20.9	0	0	0
9:50	LJ	20.9	0	0	0
10:15	LJ	20.9	0	0	0
10:45	LJ	20.9	0	0	0
11:14	LJ	20.9	0	0	0
11:43	LJ	20.9	0	0	0
12:15	LJ	20.9	0	0	0
12:47	LJ	20.9	0	0	0
13:04	LJ	20.9	0	0	0
14:01	LJ	20.9	0	0	0
14:38	LJ	20.9	0	0	0
15:01	LJ	20.9	0	0	0
15:36	LJ	20.9	0	0	0

Emergency Rescue Plan

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

Emergency Names & Contacts	
1st Aid	charlie 0452372069
Rescue	Florian 0468474229 Andrew 0411701570 Louis 0461343463
Standby	
Site Contact/Reception	0285727800
Project Manager	DAVE 0437313156
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 personnels 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:	Florian Secker
Rescue:	Andrew Tucker
Standby:	Louis Jesham
Standby:	Deborah
Standby:	
Standby:	