

Confined Space Permit to Work

Work Order No:			
Location of Works:	Sydney City Marine Paint Shed A Ocean Flyer Port Fuel Void		
Description of Works:	Grinding + welding		
Issue Date:	FR 20 FEB 26	Time:	10:34
Risk Assessment Attached & Completed:	YES	Valid to:	1800
Confined Space Authoriser:	ATuckey 0411701570	Site Induction Required:	YES
		Cert No	260220-06

Requirements

Entrants PPE	
Respirator	X
Breathing Apparatus	
Eye Protection	X
Hard Hat	
Hand Protection	X
Protective Clothing	X
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	X
Hot Works	X

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

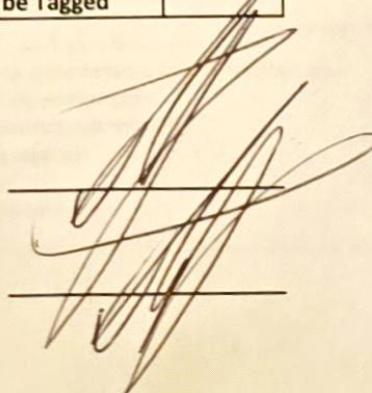
Isolations (Non Required X)			
Power to be Tagged		Waste Pump to be Tagged	
Fuel Pump to be Tagged		Ventillation to be Tagged	
Fire Systems to be Tagged		Compressor to be Tagged	
Isolations Removed			

Authorised By:

ATuckey

Closed By:

ATuckey





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JSA - Confined Spaces

JSA Prepared By:	Andrew Tuckey	Last Reviewed:	Fri 08FEB21	Read & Understood By:	
Description of Work:	Grinding + welding		Tyler Ferguson		
Vessel/Location:	OceanFlyer Port Fuel Void		Andrew Tuckey		
JSA No:	JSA01		Jamie Foster		
JSA Completed By:	A Tuckey				
Date:	20/2/20				

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	☒ Electrocution ☐ 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



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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 449 356
Rescue	Andrew 0411 701 570
Standby	Jamie 0435 601 891
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 person's 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:	Jamie Foster
Standby:	
Standby:	
Standby:	