

MCMaster YACHTS
RISK ASSESSMENT No. 003



Task Activity **Entering confined spaces**

Personnel involved **All crew**

Date

Location(s) **Any confined space onboard the yacht**

Assessor(s)

Review date(s)

Potential severity			Likelihood of occurrence					Risk rating		
People	Asset	Environment	A - v low	B - low	C - medium	D - high	E - v high			
1	Insignificant injury	Insignificant damage	Slight leak - spill contained	Low	Low	Low	Low	Low	Low	Acceptable
2	Minor injury	Minor damage	Minor leak - spill contained	Low	Low	Low	Low	Medium	Medium	Risk to be reduced where possible, and proceed with the utmost caution
3	Serious injury	Serious damage (vessel safety not compromised)	Minor leak - spill not contained	Low	Low	Medium	Medium	Medium	Medium	Do not proceed (under normal circumstances) until risk is reduced to Low or Medium
4	Near fatality	Major damage (vessel safety compromised)	Major leak - spill not contained	Medium	Medium	High	High	High	High	
5	Fatality	Extensive damage / sinking	Huge leak - spill not contained	High	High	High	High	High	High	

Details of any other risk assessments taken into account

No.	Identified hazard	Existing control measures	Initial risk		Additional control measures	Residual risk	
			Score*	Risk rating		Score*	Risk rating
1	Getting stuck	None	2B	Low	None	2B	Low
2	Asphyxiation due to harmful gases and/or lack of oxygen	None	5D	High	Thorough ventilation of tank prior to entry, initial verification of atmosphere using suitable meter, carriage of personal meter by persons entering tank, entering in pairs.	1A	Low
3	Being inadvertently locked in tank / space	None	4D	High	Tag the man lid / access point and use a permit to work.	4A	Medium
4	Tank being filled whilst personnel inside	None	4D	High	Tag the man lid / access point and use a permit to work.	4A	Medium
5	Being knocked unconscious by overhead object / structure	None	3C	Medium	Suitable personal protection to be worn, including hard hat, bump cap or other forms of head protection.	1C	Low
6	Disorientation / losing entry point	None	1D	Low	Take a suitable flashlight and only enter tanks in pairs.	1A	Low

* "Score" means the product of potential severity and likelihood of occurrence (e.g. 2C)