



Risk Assessment – Petrol and Oil Storage – Review ½-Yearly

Hazard	At Risk	Risk	Controls	Findings
<p>Petrol stored in 23litre demountable containers in 2 safety boat garages</p> <ul style="list-style-type: none"> max 2 tanks per garage 1 tank on boat connected to engine fuel supply line 1 tank on concrete floor of garage <p>T: Toxic R45: May cause cancer R65: Harmful: may cause lung damage if swallowed Combustible in the presence of oxygen (air) if ignited (e.g. by cigarette stub)</p>	<p>Anyone near safety boat garages</p>	<p>Inhalation of fumes:</p> <ul style="list-style-type: none"> essentially open air so risk less than re-fuelling a car <p>Combustion:</p> <ul style="list-style-type: none"> requires ignition source garage doors are currently unlocked when boats are in use spare tank is accessible when doors are open similar risk level to any domestic garage 	<ol style="list-style-type: none"> fume build-up is unlikely as garages are well ventilated (poor fitting doors) tank vents should be closed when not in use <ul style="list-style-type: none"> add to safety boat crew instructions store spare tank(s) in garage #2 with doors locked when boats are in use <ul style="list-style-type: none"> add to safety boat crew instructions 'keep this door locked' sign on garage #2 door permanent 'No Smoking' signs needed adjacent to garage doors 	<p>Fumes: Minimal risk – comparable with a domestic garage</p> <ol style="list-style-type: none"> add requirement for tank vents to be closed after use to crew's instructions <p>Combustion:</p> <ol style="list-style-type: none"> 'No Smoking' signs needed adjacent to garage doors to reduce risk to minimal 'Keep this door locked' sign needed for garage #2 add 'do not smoke' and 'keep spare fuel and oil locked in garage #2' to safety boat crew's instructions <p><i>Safety Officer to review operation of controls at approximately monthly intervals</i></p>
<p>2T Oil stored in 5 litre container in #2 safety boat garage prior to mixing with petrol</p> <ul style="list-style-type: none"> combustible in the presence of oxygen (air) – relatively low risk of ignition 	<p>Anyone near safety boat garages</p>	<p>Combustion:</p> <ul style="list-style-type: none"> requires ignition source garage doors are currently unlocked when boats are in use 	<ol style="list-style-type: none"> store in garage #2 with doors locked when boats are in use <ul style="list-style-type: none"> add to safety boat crew instructions 	<p>Combustion: As above, but lower risk due to lower flammability of oil</p>