

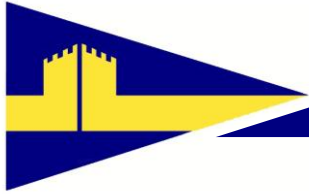


## Risk Assessment and checklist for storage of fuel in accordance with the requirements of Dangerous Substance and Explosive Atmosphere Regulations 2002 (DSEAR)

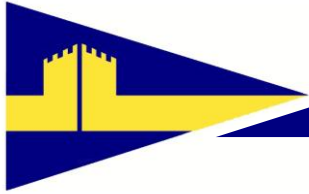
Hazard	People at Risk	How?	Mitigation already in place	Check if further action is needed?	By whom	Target completion
Fire from fuel kept in the fuel storage	All	Proximity to: Ignition sources Process areas Flammable liquid storage Occupied buildings Site boundaries Oxy-acetylene cutting equipment Rubbish Vegetation Fire management plan	Reduce quantity of fuel to a minimum. Separation distance required. (HSG 51) For quantities up to 1000 litres the separation should be 2 metres. For high risk activities such as using heavy plant or oxy-acetylene cutting equipment the separation distance should be at least 4 metres (DSEAR) Storage bin placed on a clearly defined on an impervious surface. Fire plan in place, storage easily accessible by fire brigade	Foam first aid fire fighting extinguisher required on a stand and protected against the weather Notices stating no rubbish to be left in area Vegetation to be kept clear of area Layout of compound		



Hazard	People at Risk	How?	Mitigation already in place	Check if further action is needed?	By whom	Target completion
Fire from fuel kept in the fuel storage		Sources of ignition. Electrical equipment Engines Welding equipment Cutting equipment Paint spraying equipment Cleaning equipment Smokers Arson	No electrical equipment to be used in the vicinity of the storage area unless it is suitable for the working environment this includes any contractor carrying out any work. Also includes entertainers using the bandstand/marquee ('Electrical safety and you' indg 231 and Memorandum of guidance on the Electricity at Work Regulations 1989 and British Standards information from the HSE website. <a href="http://www.hse.gov.uk">www.hse.gov.uk</a> ) Place storage area out of sight of main gate and sea gate	Seek specialist advice from an electrician (Foreshore officer) Flammable fuel hazard warning signs Designated smokers areas with appropriate signs including for functions on lawn and for the use of bandstand No smoking signs required by storage area		
Fire from fuel kept in the fuel storage		Ventilation	Keep fuel stored in the open air away from buildings and perimeter/boundary			



Hazard	People at Risk	How?	Mitigation already in place	Check if further action is needed?	By whom	Target completion
Fire from fuel kept in the fuel storage	All	Accessibility and security of fuel stores	Fit padlock and keep key in the clubhouse. Only people trained to use the equipment should be permitted to access the store Keep out of sight of main and sea gates No more than 1000 litres in smaller containers to be kept in store			
Fire from fuel kept in the fuel storage	All	Suitability of containers	Containers should be suitable for their intended use. The containers are all fuel containers specific to the club boats. No private fuel supplies are stored			
Fire from fuel kept in the fuel storage	All	Transference of fuel	No fuel is transferred at storage area. Fuel transferred in a petrol station. Funnels provided to transfer fuel at equipment/boats			



Hazard	People at Risk	How?	Mitigation already in place	Check if further action is needed?	By whom	Target completion
Environmental spill	Club	Contamination of ground	Storage bin has an integral bund and sealed lid Transference takes place at petrol station Environmental reporting system in the H&S report book	Spill kit		
Manual handling	All	Moving fuel containers	Storage bin is accessible but depends on compound layout when cruisers are in Trolleys are provided	Ensure compound layout allows easy access to fuel storage		
Inhalation, absorption or ingestion of petrol	Trained staff	Breathing in fumes during transference Eating after touching fuel Spilling fuel (Petrol vapours sink to lowest level and collect in drains and pits where there is little air movement)	Transference takes place either in a petrol station or in the open air	Information provided to all of the dangers of handling fuel		