## Twyford Waterworks Trust Risk Assessments (5) Operation / Restoration Flammable Materials

Date	Reviewer
September 2015	Graham Feldwick
February 2017	Geoff Bailey/Ray Caine

Process: Flammable Materials					
Specific part of process and details: Storage of flammable liquids and gases					
Risks: Leakage or spillage from containers which could pollute the water source	Risk Owner & deputy Ray Caine Geoff Bailey	Risk Rating L	Control(s): All flammable liquids and gases should be stored correctly: Liquids – in their original containers within the Rectifier House Oil Store, or in small containers (5litres Max) kept within flammable cupboards. Gases – in their original containers within the Gas Cage situated to the rear of the main buildings		
			The Oil Store and Gas Cage should be kept locked at all times.		
			Naked lights should not be used near to or inside the Oil Store and Gas Cage, or anywhere where flammable liquids are present.		
Incorrect use of materials due to insufficient labelling			Decanting of any flammable liquids to smaller containers should always be made in a well ventilated place over a bunded area. Decanting from drums should be made using the hand pumps provided. Gases must not be transferred from one container to another.		
H& S issue due to			All containers should be fit for purpose and adequately labelled. They must not be used to hold other products without full relabeling. An inventory of the oil storage area should be reviewed		

inhalation, every 6 months. ingestion, or contact with skin All new stocks should be and/or eves obtained from a designated supplier. Each stock container should have a Safety Data Sheet (filed in Green Container), and an inventory of the oil storage area and of the gas cage should be reviewed every 6 months. Personnel dealing with these products should be familiar with the H&S issues set out in the data sheets and the PPE recommendations therein should be followed at all times. Spillages, however minor, should be attended to immediately using purpose made absorbent materials, Fire due to and reported to the H&S leakage Manager or Person In Charge. Stock containers greater than 1 litre in volume should always be stored in the correct designated place: Rectifier House oil store, either over the bunded area or within a bunded tray Oil absorbing sheets / oil spill kit should be available at all times. Where a flammable liquid is absorbed, the risk of fire remains and disposal should follow the data sheet recommendations. Where there is a risk of fire remaining the fire brigade should be called to deal with it. All containers brought to the main site should contain only sufficient material for the task required, and should be conveyed within another

container, and wherever

			possible within a purpose made carrier, to act as a bund in case of spillage.  All containers brought to the main site should be kept within a bund provided for that purpose .		
Control Status: Effe	ctive				
Risk Assessment Review period: annually					