

# Twyford Waterworks Trust

## GENERAL COSHH RISK ASSESSMENT

<b>PRODUCT NAME:</b> Calor Gas (Propane)		<b>Ref:-</b>	
<b>Assessor (S):</b>		<b>Area used:</b>	<b>Date:</b>
<b>Product Code Number:</b>		<b>Location:</b> Stored in locked mesh gas cage	
<b>Supplier:</b> Calor Gas Ltd		<b>Emergency Contact Number:</b>	
<b>Hazard:</b> Fire/explosion Asphyxiation		<b>Chemical Ingredients:</b> See COSHH Data Sheet	
<b>Description of Use (including Maintenance and Cleaning if applicable)</b> Fuel for gas engine (display ), and for barbecue. Also occasionally used for gas cutting equipment. Cylinders stored in mesh gas bottle cage when not in use.			
<b>Workplace Exposure Limit (WEL)</b>			
<b>Material:</b>		<b>WEL</b>	<b>Static/Personal monitoring (Yes/No)</b>
<b>Risk Phrases:</b>			
<b>Safety Phrases:</b>			
		<b>Assessment of Exposure</b>	<b>Consequence of Exposure (toxicological)</b>
<b>Usage:</b> <ul style="list-style-type: none"><li>• Routes of entry</li><li>• Evidence of Exposure (splashes/dust etc.)</li><li>• Working practices</li></ul>			See COSHH Data Sheet
<b>Control Measures:</b> (hierarchy of control :Substitution; Enclosure; Engineering control; Personal Protective Equipment)			
		<b>Existing</b>	<b>Limitations of Control</b>
<b>Existing control measures.</b>		Cylinders stored in mesh gas bottle cage when not in use. When used as fuel for gas engine, cylinder is positioned outside the building in a fenced area. The sump under the engine is purged of any gas collecting by forced ventilation. Barbecue is used in open air and cylinder is placed away from public	
<b>Are existing control methods effective.</b>		YES	

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<b>LEV testing records?</b> (Yes/No)	N/A		
<b>Location of records</b>			
<b>Required control approach (re:HSE Guidance sheets 100, 200, 300, S100/S101)</b>	N/A		
<b>Health Surveillance Requirement/Type</b>	None – intermittent exposure to minimal risk due to outdoor use		
<b>Emergencies:</b>			
<b>Possible Scenarios</b> (Feasible Risks)	<b>Consequences</b>	<b>Control Measures/Procedures</b>	
<b>Fire</b>	<b>Burns</b> <b>Explosion injury</b>	<b>Set up of cylinder and appliances by experienced volunteers</b>	
<b>General</b>			
<b>Personnel Using or Exposed to Product:</b> Volunteers experienced in the use of cylinders			
<b>Department Responsible:</b>			
<b>Person Responsible:</b> Geoff Bailey, Jim Jones			
<b>Storage:</b> Suppliers cylinders	<b>Where Stored:</b> Purpose made gas cylinder cage	<b>Precautions:</b> See existing control measures	
<b>Assessment Of Exposure Due To Emergency / Unplanned Event:</b>			
<b>How Do We Ensure Precautions Are Used?</b>			
<b>Training / Instructions For Use given / Required:</b>			
<b>Comments and Actions required:-</b> Please list any particular activity which may require further specific Risk assessment. <b>Hot work permit and job risk assessment required for gas cutting work</b>			
<b>Date Due:</b> When job required	<b>Person Responsible:</b> Geoff Bailey	<b>Date Completed:</b>	<b>Signature:</b>
<b>Product Disposal (including container):</b>			
<b>Managers Name:</b>		<b>Competent COSHH Assessor:</b>	
<b>Links:</b>		<b>Occupational Health Advisor:</b>	

<b>Additional information – First Aid</b>			
	<b>Risk</b>	<b>Protection</b>	<b>First Aid</b>
<b>Eyes</b>	<b>High pressure escape and cold burns from escaping gas</b>	<b>Goggles</b>	<b>Seek urgent medical assistance</b>
<b>Skin</b>	<b>Cold burns and frostbite</b>	<b>Neoprene or other LPG resistant gauntlet gloves</b>	<b>Seek urgent medical assistance</b>

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<b>Ingestion</b>	<b>N/A</b>		
<b>Inhalation</b>	<b>Asphyxia Nausea Dizziness Headache</b>	<b>Escape route to fresh air</b>	<b>Seek medical advice if symptoms persist</b>
<b>Environment</b>	<b>Escape to atmosphere</b>	<b>None – no significant risk</b>	
<b>Fire</b>	<b>Explosion</b>	<b>Clear area</b>	<b>Call Fire Brigade</b>
<b>Other Hazards</b>	<b>Lifting full cylinders Back injury</b>	<b>Safety shoes Trainging in lifting heavy weights</b>	