

Project COSHH Risk Assessment		Portsmouth Demolition & Salvage Ltd
Product Name: Compressed Propane Gas	Ref: 11	

Description of activity or process: (including duration, frequency & quantity of substance)	To be used with oxygen to hot cut metal structures
Substance identification & name of manufacture: (ensure that a copy of the latest data sheet is attached to this risk assessment)	Product Name: Compressed propane gas

Product Classification:					
	☐ Corrosive (to skin, eyes and/or metals)		☐ Other Health Hazards		☒ Oxidising Gasses, Liquids or Solids
	☐ Hazardous to Environment		☐ Explosives (incl some self-reactives)		☐ Severe Health Hazards
	☒ Gasses Under Pressure		☐ Flammable Materials		☐ Acute Toxicity

Routes of Exposure:							
Skin	☐	Eyes	☐	Inhalation	☒	Ingestion	☐

Hazard Statement:	H220: Extremely flammable gas H280: Contains gas under pressure – may explode if heated
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Risk Matrix: (likelihood x severity)	Likelihood	Severity		
		minor - 1	major -2	serious - 3
	low – 1	low 1	low 2	med 3
	medium -2	low 2	med 4	high 6
	high -3	med 3	high 6	high 9
	rating:	L3xS3=High 9		

Person(s) at Risk:			
Employees	☒	Visitors	☒
Building Users	☒	Public	☒
Young Persons	☒		
Workplace Control Measures:	- See associated risk assessment PDS-03.11 - Only competent operatives are to work with compressed propane gas - Do not use in confined or poorly ventilated workplaces - When using, do not smoke, eat or drink - Assess the risk of the potential for explosive atmospheres		
Health Surveillance:	Yes	☐	No ☒
Personal Protective Equipment: (state type & standard)			
 ☒ Dust Mask  ☒ Gloves  ☐ Respirator  ☒ Footwear			
 ☐ Goggles  ☒ Overalls  ☒ Visor  ☐ Other			
Type & Standard of PPE: <i>Heat proof gauntlets to EN388</i> <i>Flame resistant/retarding clothing to EN943</i> <i>Face shield, or goggles to EN166</i> <i>P3 Face mask</i>			
First Aid & Emergency Procedures:	- Inhalation: In high concentrations may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation. Remove victim to uncontaminated area wearing self-contained breathing apparatus. Keep victim warm and rested. Call a doctor. Apply artificial respiration if breathing stopped - Eye contact: Rinse the eye with water immediately. Remove contact lenses, if present and easy to do. Continue rinsing. Flush thoroughly with water for at least 15 minutes. Get immediate medical assistance. If medical assistance is not immediately available, flush an additional 15 minutes - Skin Contact: Contact with evaporating liquid may cause frostbite or freezing of skin - thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention. - Ingestion: Ingestion is not considered a potential route of exposure - In the event of an emergency, raise the alarm to evacuate the area and call the emergency services		
Storage:	- Store in a cool place, upright and secure, keep below 50°C - Ensure valves are tightly closed with caps or guards installed - Do not remove or deface identification labels		
Disposal of Substances & Contaminated Containers:	Hazardous Waste ☐ Skip ☐ Return to Yard ☐ Return to Supplier ☐ Other ☐ Refer to MSDS-11		
Final Risk Rating:	Low	☒	Medium ☐ High ☐

Written By:

Lee Shirley

Date:

23-Nov-18

Review Date:

 Following any significant
change in the work
process or substance