

**HAMPSHIRE FIRE AND RESCUE SERVICE - RISK ASSESSMENT RECORD**

<b>Operational Activity:</b> Pipeline Incidents	<b>Service Reference:</b> SO/7/5/11/1
<b>PDA:</b> To Incident: 2 pumping appliances + L4T or L4P + WrC/F + 2 senior officers (including 1 Hazmat Officer) Support: 2 pumping appliances (1 to each valve either side of incident). Hazmat Liaison Officer to Fire Control	<b>Fire Facts:</b> FF/7/5/11/1

<i>Task/Description</i>	<i>Hazard/Risk</i>	<i>Level of Risk</i>	<i>Risk Groups*</i>	<i>Control Measures</i>	<i>TAP Ref</i>
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Attendance at gas/liquid leak Evacuation of surrounding areas	Various liquids/gases or liquefied gases under pressure.	High	A B C D E	<ul style="list-style-type: none"> <li>• Relevant training and assessment.</li> <li>• Appoint Safety Officer - inner/outer cordons.</li> <li>• Full PPE and BA and CPC.</li> <li>• Personnel under full supervision.</li> <li>• No ignition sources within 20m and prohibit smoking.</li> <li>• Essential personnel only within 400m.</li> <li>• Consider evacuation - 850m downwind x 700m wide.</li> <li>• Gain information from pipeline marker plate.</li> <li>• Request and await specialist advice/Hazmat Officer.</li> <li>• Stay out of the vapour cloud - wind direction approach upwind.</li> <li>• DO NOT IGNITE LEAKS.</li> <li>• Do not operate any valves unless instructed by pipeline representative.</li> <li>• For HP release use ear protection.</li> <li>• Prevent substance from entering drains/water courses.</li> <li>• Disperse vapour cloud with water sprays.</li> <li>• CPC and BA if working in vapour cloud.</li> <li>• IS radios only.</li> <li>• Request atmospheric monitoring.</li> </ul>	2.22
	Ignition source.	High	A B C D E		
	Toxic/corrosive/asphyxiant.	Medium	A B C D E		
	May/may not contain stenching agent.	Low	A B C D E		
	Heavier/lighter than air.	Low	A B C D E		
	Varying degrees of flammability and explosives range(s).	Low	A B C D E		
	Vapour cloud gas pockets.	Low	A B C D E		
	Static electricity.	Medium	A B C D		
	High pressure leak.	Low	A B C D		
	Extreme noise.	Medium	A B C D		
Firefighting and rescue.	Explosion.	High	A B C D	<ul style="list-style-type: none"> <li>• Approach from upwind.</li> <li>• Only essential personnel within 400m.</li> <li>• Extinguish secondary fires and protect surrounding risks.</li> <li>• Request the attendance of pipeline operator.</li> <li>• Only operate valves on the advice of the pipeline operator.</li> <li>• Only extinguish primary fire after consultation with pipeline operator.</li> </ul>	
	Falling debris.	Medium	A B D		
	Exposed 'live' electrical cables.	Low	A B		

<b>Assessor:</b>	Name: K Dales and R Earl	Rank/Post: T/H&S Advisers	Date: 6/2001	Review Date: 6/2006
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*A = Wholetime	*B = Retained	*C = Volunteers/Auxiliary	*D = Non Service Personnel	*E = Public
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cehM/Operatio.ra/11 March 2002