

HAMPSHIRE FIRE AND RESCUE SERVICE - RISK ASSESSMENT RECORD

Workplace: Operational incident **Activity or Work Area:** Acetylene cylinder incident

<i>Task/Description</i>	<i>Hazard</i>	<i>Risk</i>	<i>Risk* Groups</i>	<i>Control Measures in place</i>	<i>Level of Risk¹</i>	<i>Control measures required</i>	<i>Level of Risk²</i>
Attending fire involving Acetylene cylinder	Explosion Projectile hazard Over heated cylinder	Muscular skeletal injury Burns Cuts	ABDE	Carry out DRA Set up 200m inner cordon Evacuate area Cool cylinder using fixed monitors Use TIC to check cylinder Training PPE, full fire kit Use substantial structures for protection/shielding Consult information in Fire Facts	M		
	Heat & smoke	Burns Respiratory problems	AB	Use Breathing Apparatus Full fire kit Training Correct firefighting procedures	L		
Unignited gas cloud	Fire Explosion	Muscular skeletal injury Burns Cuts	ABDE	Carry out DRA Position all personnel upwind Extinguish all ignition sources Turn valve off Do not enter vapour cloud Consult information in Fire Facts	M		

Assessor: Name: M. Smither Rank/Post: Operations Support Date: 21/09/06 Review Date: 21/09/11

*A = Wholetime *B = Retained *C = Volunteers/Auxiliary *D = Non Service Personnel *E = Public F = Non Uniformed

¹ See over for Matrix

² See over for Matrix with new control measures in place

