

**Risk Assessment**

Use of Pyrotechnics during a performance									
<b>Venue</b>		Buxton Opera House							
<b>Department</b>		Technical			<b>Category</b>			Live Show	
<b>RA Reference</b>		BUXOPTTECH0011			<b>Review</b>			12 months	
<b>Date of RA/review</b>		15/12/2023			<b>Next review</b>			15/12/2024	
<b>Assessor/Reviewer</b>		Jmorgan							
<b>People at risk (estimated numbers of people at risk)</b>									
<b>Employees</b>		6-10			<b>Contractors</b>			1-5	
<b>Visitors</b>		0			<b>Members of the Public</b>			0	
<b>Production staff</b>		6-10			<b>Others</b>			0	
<b>Client employees</b>		6-10			<b>Students</b>			0	
<b>Activity</b>									
Use of Aricles Pyrotechnic during a live performance									
<b>Any other relevant information</b>									
Hazard	Risk	Control measures	Risk Rating			Actions	Revised RR		
			L	S	RR		L	S	RR
Dust or Particles thrown from pyro discharge	particles entering eyes or lungs causing injury	1: Personell kept to the safe distance recomended by the manufacturer 2: Action rehearsed as a dry rehearsal first so company know the safe distance	1	3	3				
Pyro acting as a source of ignition	Fire causing damage to property or injuries to staff	1: Local fire brigade aware of the location and potential source of ignition 2: All set and cloths treated with suitable flame retardant 3: Pyrotechnics used in accordance to manufacturer instructions away from flammable items 4: Pyrotechnics operated by designated person with line of sight to any potential	1	5	5				

		flamable items						
Unexpected firing of pyro	Burns to hands and face	1: When pods are being loaded the key MUST be in the hand of the person loading the pods 2: All keys must be kept restricted so only one is available in the working area 3: Pyros only to be fired by the designated person	1	5	5			