

DAYTONA DS40 MOBILE STAGE UNITS

Risk Assessment

WORK ACTIVITY	Erection, operation and dismantling of Daytona DS40 Mobile Stage	SPECIFIC LEGAL REQUIREMENTS	Provision and Use of Work Equipment Regulations 1998 Lifting Operations and Lifting Equipment Regulations 1998 Electricity at Work Regulations 1989
DATE	24 th July 2002 Reviewed 10 th March 2005	APPROPRIATE STANDARDS AND GUIDANCE	Temporary Demountable Structures B Guidance on Procurement and Use HSE 1999 The Event Safety Guide HSG195 1999
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HAZARD	PEOPLE AT RISK	WORST OUT-COME	PRINCIPAL ORGANISATIONAL PRECAUTIONS	PRINCIPAL PHYSICAL PRECAUTIONS	RESIDUAL RISK	COMMENTS AND/OR ADDITIONAL PRECAUTIONS
Structural collapse	CREW PERF. PUBLIC	CAT	Stage design a development from established system Stage erected by experienced and trained crew Stage components checked regularly to identify any cracks, and distortion of structural members (repair or replace) Completion checks before use	Spreader plates always used to distribute load Connectors and pins used throughout to secure components (note to secure pins structural elements must be fully extended and locked)	LOW	Note ~ structure does not allow for heavy snow loadings, in the event of heavy snow the stage may not be used.
Over turning due to high winds	CREW PERF. PUBLIC	CAT	Planning ~ site selection to avoid locations where the front of the stage is likely to be exposed to high winds. Monitoring of wind speed, in the event of high winds erection/dismantling may be suspended.	In the event of increasing winds the structure can be readily dismantled if conditions permit.	LOW	
Struck by falling objects	CREW PERF.	SERIOUS	Loadings on roof structure below limit of 500kg uniformly distributed.	Speakers and flown equipment properly attached and secured with safety chains/straps	LOW	

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Falls from stage	CREW PERF.	SERIOUS		Stage edges marked with aluminium edging. Handrails to steps	LOW	
Electric shock Fires of electrical origin	CREW PERF.	CAT	Electrical equipment PAT (12 monthly) Visual checks on condition of cables and connectors	Stage earthed. Circuits protected by RCD/MCBs	LOW	
Fall from height	CREW	CAT	Selection of crew to ensure they are confident about working at height Step ladders supplied to either BS2037 or BS EN 131 Ladders inspected regularly to identify defects. Access to the stage roof not normally required - ground rigging of banners etc	Step ladders always used fully open When used on stage, steps located away from edge. Loads carried up ladders kept small Over- reaching from ladders to be avoided	LOW	
Collapse of roof during erection or dismantling	CREW	CAT	Operations undertaken by experienced crew. Sufficient crew on hand to ensure structure can be handled and lifted safely. Operations not undertaken in high winds	Access to stage area restricted to operators only during these operations	LOW	
Fire	CREW PERF. PUBLIC	CAT	Electrical equipment PAT. Fire extinguishers (dry powder) provided- minimum 13A rating Cladding and structure retardant to BS476 Part 7 Class 1 spread of flame	Electrical equipment maintained in good condition. Under stage storage prohibited Combustible articles kept away from sources of heat.	LOW	
VERALL RESIDUAL RISK FOR THE OPERATION OF DAYTONA DS40 MOBILE STAGE					LOW	

Definition of terms					
PERSONS AT RISK		POTENTIAL WORST OUTCOME If harm does occur how serious is likely to be.		ESTIMATION OF RESIDUAL RISK Asks the basic question, has enough been done to prevent harm?	
CREW	Staff - permanent and temporary	CAT (Catastrophic)	Fatality, multiple major injuries, major property damage or fire	HIGH	Imminent danger exists and the work activity should be stopped immediately (or not started)
PERF.	Performers and other users of the stage	SERIOUS	Major injury, damage to health, serious property damage or fire	MEDIUM	Additional actions required to control hazards fully
PUBLIC	Members of the Public, visitors, guests	MINOR	Minor injury, minor property damage	LOW	Hazards controlled and minor injury unlikely

Risk assessment compiled by John Sursham and developed from information supplied by Daytona Mobile Stages and from limited information supplied by the manufacturer.

Signed

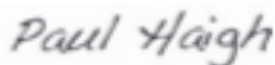


John Sursham MIOSH
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Date 1st April 2004

Accepted by Daytona Stage Hire:

Signed



Print name: Paul Haigh

Date 1st April 2004

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