

Daytona DS72 Mobile Stage Unit

Risk Assessment

WORK ACTIVITY	Erection, operation and dismantling of Daytona DS72 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	5 th April 2001 Reviewed 17 th February 2005	APPROPRIATE STANDARDS AND GUIDANCE	Temporary Demountable Structures B Guidance on Procurement and Use ISE 1999 The Event Safety Guide HSG195 1999
PREPARED BY	John Sursham MIOSH John Sursham Associates		

HAZARD	PEOPLE AT RISK	WORST OUTCOME	PRINCIPAL ORGANISATIONAL PRECAUTIONS	PRINCIPAL PHYSICAL PRECAUTIONS	RESID RISK	COMMENTS AND/OR ADDITIONAL PRECAUTIONS
Structural collapse	CREW PERFORMERS PUBLIC	CAT	Stage designed developed 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 (to fit securing pins structural elements must be fully extended and located)	LOW	Note ~ structure does not allow for significant snow loadings, in the event of heavy snow the stage may not be used.
Over turning due to high winds	CREW PERFORMER PUBLIC	CAT	Planning B site selection to avoid locations where it may be exposed, face on, to high winds. Monitoring of wind speed. In the event of high winds during erection/dismantling work will be suspended		LOW	
Struck by falling objects	CREW PERFORMER	SERIOUS	Loadings on roof structure below limit of 500kg uniformly distributed	Speakers and flown equipment properly attached and secured with safety chains/straps	LOW	
Falls from stage	CREW PERFORMER	SERIOUS		Stage edges clearly differentiated and marked with aluminium edging. Light levels on stage high Handrails to steps	LOW	

HAZARD	PEOPLE AT RISK	WORST OUTCOME	PRINCIPAL ORGANISATIONAL PRECAUTIONS	PRINCIPAL PHYSICAL PRECAUTIONS	RESID RISK	COMMENTS AND/OR ADDITIONAL PRECAUTIONS	
Electric shock Fires of electrical origin	CREW PERFORMER	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 Steps used internally when putting up stage Step ladders supplied to either BS2037 or BS EN 131 Step ladder condition inspected regularly Access to stage roof limited	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	Lifting equipment (hydraulics) checked annually under the provisions of LOLER Operations undertaken by experienced crew Operations not undertaken in high winds	Visual inspection of hydraulics to check for leaks Fluid levels checked regularly Access to stage area restricted to operators only during construction	LOW	Annual inspection of winches and hydraulic equipment retained with the stage	
Failure of stage floor during erection or dismantling	CREW	CAT	Lifting equipment (hoists) checked annually under the provisions of LOLER Operations undertaken by experienced crew	Visual inspection of cables, mountings, and attachment points. Access to stage area restricted to operators only	LOW	Annual inspection records available on request	
Fire	CREW PERFORMER PUBLIC	CAT	Electrical equipment PAT Fire extinguishers (dry powder) provided- minimum 13A rating	Electrical equipment maintained in good condition Under stage storage prohibited Combustible articles kept away from sources of heat	LOW		
REMOVAL OF					RESIDUAL RISK FOR THE INSTALLATION AND THE DAYTONA DS72 MOBILE STAGE	LOW	

PERSONS AT RISK		POTENTIAL WORST OUTCOME		ESTIMATION OF RESIDUAL RISK	
Crew	Staff - permanent and temporary	CAT	Fatality, multiple major injuries, major property damage or fire	HIGH	Imminent danger exists and the work activity should be stopped immediately (or not started)
CONT	Contractors	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
PERFORMERS	Performers and other users of the stage	INSIG	Insignificant injury or damage unlikely		

RISK ASSESSMENT COMPILED BY JOHN SURSHAM

And developed from information supplied by Daytona Stage Hire and from limited information supplied by the manufacturer.

Signed:

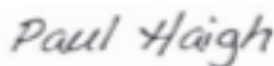


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Date:

Accepted by Daytona Stage Hire:

Signed:



Print: Paul Haigh

Date: 5th April 2005

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