

Risk Assessment – Manual Handling: Rigging & De-rigging (grid work)

Notes:

1. The people that might be harmed: Studioworks employees, contractors
2. The Likelihood of injury is reduced if the correct procedures are followed
3. It is not reasonably practicable to avoid moving loads
4. Use mechanical aids: Tow Tractor, Scenic Trailer and Motorised Grid Hoists; this will reduce repetitive handling and/or physical prolonged effort.
5. Monopoles should be sited appropriately around the area of the grid; this will further reduce repetitive handling and/or physical prolonged effort.
6. This assessment covers working with Monopoles and Metreel Mobile Hoists for rigging and de-rigging, including re-location and siting.

HAZARD		CONTROLS
TASK ASSESSMENT – Do the tasks involve:		
Holding or manipulating loads away from the trunk?	Yes	<ul style="list-style-type: none"> Ensure that a safe and appropriate route is taken within the grid. Use motorised grid hoist to raise items from studio floor to grid and vice versa. Proper manual handling training techniques to be used. Number of persons required to be assessed as required. Metreel Mobile Hoists and Monopoles will be sited in the relevant studio grid. On some occasions they will be removed for repaired or recited to other studios. They are loaded / unloaded from a trailer and then they are transported into the relevant Studio or workshop using a tow tractor and scenic trailer. Construction Managers / SPE's should monitor each task / load and individual. Ensure adequate breaks are taken out of the working area.
Unsatisfactory body movement or posture?	Yes	
Excessive lifting, lowering, carrying distances or strenuous pushing or pulling?	Yes	
Risk of unpredictable movement of loads?	No	
Repetitive handling or frequent or prolonged physical effort?	No	
A work rate imposed by a process or insufficient rest or recovery?	No	

HAZARD		CONTROLS
<p>LOAD ASSESSMENT – Are they:</p> <p>Heavy (with mass marked on them), bulky or unwieldy?</p> <p>Difficult to grasp, unstable or unpredictable with contents likely to shift?</p> <p>Sharp, hot or otherwise potentially damaging?</p> <p>Loose items on the load?</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p>	<ul style="list-style-type: none"> • Monopoles & Metreel Mobile Hoists can be unwieldy and bulky depending on the model – assess as required by inspecting beforehand. • Sometimes difficult to grasp, use proper handling techniques. • Use of mechanical aids to assist. • Items may have sharp edges. • Use PPE as appropriate.
<p>WORKING ENVIRONMENT – Are there:</p> <p>Space constraints preventing good posture, uneven, slippery or unstable floor?</p> <p>Variations in the levels of floors or work surfaces?</p> <p>Extremes of temperature, humidity, ventilation problems or gusts of wind?</p> <p>Poor lighting conditions?</p>	<p>Yes</p> <p>Yes</p> <p>No</p> <p>No</p>	<ul style="list-style-type: none"> • Confined and uneven floor when working in the grid. • Studio floor may be slippery. • Grid floor sectioned, correct routes should be followed. • Temperature in the grid can be quite warm. Studio doors should be opened where possible for ventilation. • Adequate lighting is provided in the studio and grid.
<p>INDIVIDUAL CAPACITY – Does the job:</p> <p>Require unusual strength, height or capability?</p>	<p>No</p>	

HAZARD		CONTROLS
Create a hazard to those who might be considered to have health problems?	Yes	<ul style="list-style-type: none"> • Pregnancy, pre-existing medical conditions and / or recent surgery to be taken into account of for those tasked with manual handling. • Manual handling training / scenic training provided.
Require special information or training for its safe performance?	Yes	
Occur infrequently for people of an otherwise sedentary nature?	No	
OTHER FACTORS - consider:		
Is improvement in posture hindered by PPE, RPE or clothing?	No	
Is it possible to eliminate or automate the operation?	No	