

**Technical Theatre**

**Method Statement**

**Activity Working in the Grid**

**Location Silk Street Theatre Grid**

###### Indoor use only.

**Staff allowed Performance Venues and Technical Staff.**

**Students allowed** Once. trained

 Year Ones Under staff supervision only

 Year Two Under staff supervision only

 Year Three Under staff supervision only

# Risk Rating A Staff member actively supervising work in grid area.

**Date of creation of SWP** 25/09/2014 (Steve Huttly)

**Revised** 11/09/2018 (Sam Bull)

**Reviewed** 11/02/2020 (Ben Collins)

**Tasks, Associated Hazards, *Action to be taken to avoid hazards***

* **Approved Tasks**
* *Dead hanging scenic pieces from the grid*
* *Rig pulleys for spot lines*
* **Before Use.**
* *Suitable PPE to be worn- steel toe-capped boots and hard hats.*
* *Clear communications either verbal or over radio, depending on ambient noise levels. Radios should be in lanyard pouch.*
* *Exclusion zones to prevent unnecessary risk to others.*
* *Suitable tools with lanyards.*
* *Fly Floor made aware where you are going to be in the Grid.*
* *Pockets should be emptied on the Trimming Gallery to prevent falling objects.*

Dead Hanging a Scenic Element.

* Before tying knots on the grid slats, wrap the “C” channel slat, at least three slats from the suspension point, with foam or carpet to protect the rope, using PVC tape to secure.
* After establishing an exclusion zone and communicating with the stage, lower the line in to attach scenery.
* When lifting scenery, make sure there are enough people to lift the load and tie-off safely. If a heavy load, one lifter and one person to tie per line.
* Tie a round turn and two half hitches around a grid slat not directly by suspension point – be at least three grid slats away from suspension point. It will probably need to be tied on the bight. Do not tie the knot unless you have been trained and are being supervised, or you are competent to tie the knot.
* Coil up the tail and secure to avoid tail falling between slats.

Rigging Pulleys For Spot Line.

* For pulleys below the grid, after an exclusion zone has been set up, use a Roundsling to “basket” around the slat and join with a three and a quarter tonne shackle above the grid, and “mouse” the pin with a cable tie. For heavy loads, protect the sling by wrapping foam around slat first.
* Attach the pulley using a suitable karabiner and lower through slats.
* Use appropriate rope diameter for the pulley.
* Placing hands carefully through slats, feed rope underneath the grid and through the pulley ensuring there is a figure of eight stopper knot tied into the end of the line, lowering to stage after communicating with stage.

Rigging Pulleys Above The Grid.

* When using grid/loft blocks, after setting up exclusion zone, put the pulley in the correct place and attach to grid slats with four M10 “J” bolts using spanner.
* Communicate with stage when lowering the line.
* use appropriate rope diameter for the pulley.

* **After use**
* *Call down the stage and Fly Floor to let them know that the Grid is clear.*
* **Noise**
* *Surrounding sources of noise should be controlled during automated equipment use to enable clear communication.*
* **Light**
* *Ensure there are sufficient levels of light to allow safe working.*
* **Grid boxes**
* If using Grid boxes, be careful when pulling equipment out. Sometimes other equipment can be caught up and pulled out by accident, falling to the deck through the slats.
* **P.P.E. and clothing**
* *Anyone working within the performance venue whilst automated equipment is moving must wear a hard hat below Grid. Safety boots in the Grid.*