Rigged Shop Storage System Manual

Venue: Wirtz Center, Scene Shop
Site Supervisor: Shannon Perry

Hanging Guidelines:

- When choosing a location to place the rigged object, do not block lights or prevent Facilities' access to conduit, water pipes, etc.
- Only hang items from the Unistrut; do not use beams, conduit, water pipes, etc. as rigging points.
- If attaching to the Unistrut is not possible, consult with the shop supervisor about options for installing alternate points.
- When attaching to the Unistrut, thru-bolt an eyebolt using locking hardware to create a rigging point, and place a label next to the point with the point's load rating.
- All statically suspended rigging system components shall contain rated, traceable hardware throughout the load path of the system.
- All shackles must be moused.
- Do not used roundslings or fiber rope, only chain or wire rope slings.
- Wrap chain 1 ½ times around the load's pick point.
- Make sure each end of the trim chain is attached to the eyebolt or wire rope sling, not back onto the chain itself.
- After hanging the object, another staff member should visually inspect the system to ensure all guidelines have been met.
- Refer to the "Rigged Shop Storage Inspection" document for information about performing annual inspections on this system.

Raising/Lowering Guidelines:

- Do not travel in the MEWP while an object is sitting on the bucket, or while raising or lowering the object.
- Check the MEWP's user manual to ensure the weight of the object does not exceed the MEWP's carrying capacity.
- Two people must be in the lift while raising/lowering rigged objects: one to operate the controls, and one to hold on to the object.
- A staff member in a hardhat must be standing by to prevent others from passing under or near the lift while raising/lowering.

Unistrut Working Load Limit: 225lbs off point load at the center of a Unistrut run