

Mountain America Expo Center/PSAV Rigging Policies

PRODUCTION RIGGING POLICIES AND PROCEDURES

RIGGING ADVANCE & APPROVAL PROCESS

- All rigging plots and rigging attachments at the Mountain America Expo Center must be reviewed and approved prior to load-in.
- A Rigging Request form must be submitted along with a scaled rigging plot a minimum of 14 days prior to load-in. <http://www.psav.com/Rigging-Services>
 - Trade Shows will be subject to a \$35 per point review fee.
 - Production Rigging will be subject to an hourly review fee.
 - Advanced Rate for plan reviews submitted no less than 14 days prior to load-in is \$65 per hour with a one hour minimum.
 - Standard Rate for plan reviews submitted less than (14) days before load-in is \$90 per hour.
 - Determination of time to review shall be at Facility's discretion and plan re-submissions for any reason are billable.
- Rigging plots must include all flown equipment, published weights per point, final trim heights by truss line and a reflective ceiling plan.
- A weight calculation will be conducted of all rigging points and confirm adherence to the Working Load limits of the Mountain America Expo Center's structural documentation.
- Any overweight points or unsafe scenarios will be addressed and will need to be changed, upon which the entire document must be re-submitted for approval.
- Any on-site additions or deviations from the approved plot must be reviewed and approved before implemented and flown out.
- Rigging contractor must be able to demonstrate, upon request, all equipment and labor safety requirements as detailed within this document. Any unsafe or unapproved practices will not be permitted.

RIGGING IN THE FACILITY

LABOR REQUIREMENTS

- All rigging crews shall be led by an ETCP certified rigger. Evidence of current ETCP certification shall be provided to the facility at least 48 hours prior to load-in.
- Lead rigger shall be responsible for supervising crew and enforcing policies within this document.

EQUIPMENT REQUIREMENTS

Rigging Point Attachment & Rigging Hardware

- Rigging is only permitted on building structure that has a stamped working load limit from a PE.
- All rigging must adhere to both vertical and horizontal working load limits set by the above documentation.
- Hanging from any other objects or fabric of the facility, such as plumbing, electrical fixtures, HVAC or supporting infrastructure is strictly prohibited.
- All rigging point attachments must be created with ANSI-approved hardware.
- All hardware (shackles, pear links, STAC chain, wire rope, slings, Gacflex, etc.) must have a stamped working load limit at a minimum of a 5:1 design factor, and must be product traceable.
- Rigging Point construction standards:
 - All points/ hitches require the use of either burlap or other padding to protect both facility structure and a proper D/D ratio for supporting cable. (Not needed for Gacflex.)
 - Bridal points shall not exceed 120° between legs.
 - All rigging points must have a minimum of 24" of clearance from every fire sprinkler head.
 - All rigging points must be free and clear of any obstruction when loaded (HVAC, lighting fixtures, drywall, etc.)

Chain Hoists and Aluminum Structures (truss)

- All Chain hoists must adhere to ANSI B30.16
 - Proof of annual inspection and load testing must be presented prior to load-in.

o Protective measures must be taken for all hoists needing to make contact with the facility floor or carpet (burlap, or poly).

- All aluminum structures (truss) must adhere to PLASA E.1.2.5-6
 - o Proof of annual inspection must be presented prior to use.
 - o Ground-supported systems must have known working load limits and ballast requirements in the vertical orientation.
 - o All truss wraps where a motor is to be attached must have a wire rope safety cable with minimal slack. (Not needed for Gacflex.)
 - o ALL items flown on truss must have a safety cable.
 - o All hardware used to suspend items must be rated hardware and used in an appropriate fashion.

Air Wall Track Hanging

- All “hangs” should be vertical “dead – hangs” only.
- The total weight of a single dead hang should not exceed more than 200 lbs. Each point must be a minimum of 4 ft., from the next nearest point.
- No dynamic loading is permitted.

Banner & Signage Hanging

- These provisions do not apply to non-motorized banner and aisle signs, booth lighting and signage, exhibit design, etc., whether displayed within the exhibit halls or other specified locations.
- All rigging must be completed within the confines of either a scissor lift or boom lift.
- No climbing allowed under any circumstances.

Ground Support Truss

- All trusses must be used to manufacturer’s recommendations.
- All ground support trusses must be engineered.
- All OSHA standards must be followed when working with, on or about ground support truss system.