



Production Services Standard Operating Procedure (S.O.P.)

Department: Production Services	Title: Aerial Performer Rigging Standard
Supervisor: Technical Director	Date: 10/21/15
Manager: Production Manager	Space: All areas in and around the Center

This Standard Operating Procedure for the Production Services Department of the Clarice Smith Performing Arts Center is designed to create safe and efficient work practice for all staff members, departments, students, residence artists and related personnel. Please see the Manager of the Standard Operating Procedure for any additional questions.

Definitions

Aerial Performer: An un-restrained individual who is operating, inhabiting or frequenting the air by means of a mechanical or physical structure.

Standard Procedure

1. Obtain permission and provide an itemized list of hardware to the Production Manager two weeks in advance of the intended load in of any rigging related to aerial performing.
2. Provide and get approval from the Production Manager with the known design factors for all equipment involved with the aerial performance.
 - a. All hardware must be from a United States manufacture such as Crosby, CM, Chicago and Brewer-Titcher. No wooden or aluminum hardware will be accepted
 - b. All hardware must have a manufactured design factor; the working load limit does not qualify as the design factor.
 - c. All hardware must meet a 5:1 design factor for static use.
 - d. All hardware must meet an 8:1 design factor for dynamic use.
 - e. All wire ropes used must meet an 8:1 design factor.
 - f. All fiber ropes used must meet a 15:1 design factor.
 - g. All other materials are subject to approval by the Production Manager.
3. The current body weight of all performers who will be using the hardware will need to be provided, including the maximum amount of weight the rigging will sustain at any given time during the performance.
4. Provide a written description including, but not limited to: equipment use, amount of time in use, number of performers using it, full names of performers using hardware and heights expected to be off of the ground level.
5. A schedule of rigging inspections prior to each use of the hardware must be written and submitted to the Production Manager prior to use which follows these guidelines:
 - a. Two qualified individuals approved by the Production Manager must complete a rigging inspection before every intended use of the hardware.
 - b. One individual is the primary inspector and the other is a secondary "double check" inspector.
 - c. The inspectors must confirm that the hardware matches the itemized list of hardware previously approved by the Production Manager.
 - d. The inspectors must visually and physically inspect each piece of hardware associated to the rig.
 - e. The inspectors must spread out all fabric materials used in the rig to be visually and physically checked for any signs of fatigue and/or failure. This includes but is not limited to pin holes, fraying, rips, tears and other related indicators.
 - f. The primary or secondary inspector must be present while the performer inspects the rig and physically tests it.
 - g. If any of the above guidelines are not met or the hardware is found to have signs of fatigue or failure you must contact the Production Manager immediately.

Exception

The Director of Production and Technology can make exceptions in writing to this Standard Operating Procedure when a professional rigging company is present and meets the qualifications of The Clarice.