

**BSR E1.4-2 - 20xx, Entertainment Technology - Statically Suspended Rigging Systems
Draft Public Review 3 Comment Resolutions**

Reference document: BSR E1.4-2 - 20xx, *Entertainment Technology - Statically Suspended Rigging Systems* (document number Rig/2015-2023r6)

ANSI public review period: 14 February 2020 through 29 March 2020

Question: Do you recommend that the Rigging Working Group accept BSR E1.4-2 - 20xx, *Entertainment Technology - Statically Suspended Rigging Systems* (document number Rig/2015-2023r6), as an American National Standard?

Responses: An email was received from Brandon Creel, stating acceptance of the prior review comment resolutions, and offering additional comments:

No.	Commenter	Clause	Comment	Proposed resolution
1	BC		Interest category codes, "G = general interest" is too far indented.	Accept.
2	BC	Title	- The title of the document is, "...Statically Suspended Rigging Systems" however the header on all pages except the cover states, "Statically Suspension Rigging Systems". Revise head to "Statically Suspended Rigging Systems".	Accept.
3	BC	1.5.2	- 1.5.2 change "...aerial performers." to "...person(s)." The intent of the proposed phrasing is to broaden the state to also exclude fall restraint systems and fall arrest systems.	Accept In Principal. Change the wording to "...dynamic loads, including but not limited to powered hoist systems..."
4	BC	4.2.2.1.2	- 4.2.2.1.2 "All double flange beam clamps shall use a mechanical locking or adjustable style clamp." Unclear, perhaps circular, sentence. Paraphrasing, a beam clamp must use an adjustable style clamp, doesn't make sense. Also, referring to the particular clamp as "double flange" is unclear. A wide flange beam, has two flanges. One on top and one on bottom of the web. A better description would be, "All clamps with jaws attaching to both sides of a flange..." In conclusion, change sentence to, "All clamps with jaws attaching to both sides of a flange shall use either an adjustable or fixed locking mechanism."	Accept In Principal. Change the wording to "All beam clamps with jaws attaching to both sides of a flange shall be used whenever possible and such clamps shall use either an adjustable or fixed locking mechanism."
5	BC	4.3.2.8	- 4.3.2.8 Change to, "All chain markings, labeling, identification, grade, and traceability shall conform to National Association of Chain Manufacturers." Again, proof coil chain does not have any markings, so how can E1.4-2 require markings of such chain.	Reject. Section 4.3.2.8 references section 6.2 which allows "Where permanent labeling or marking of individual components is impractical (e.g. wire rope), the working load limit, manufacturer and grade reference information (as applicable) shall be indicated in the system reference documents..."
6	BC	4.3.3.1	- 4.3.3.1 This refers to 4.1.4 where 4.1.4.1 fasteners shall have a minimum SAE J429 Grade 5... SAE J429 does not cover threaded fasteners over 6" and thus threaded rod is not manufactured to SAE J429. The closest equivalent is ASTM A449. Thus, I'm proposing rewording 4.3.3.1 as follows. "Threaded rod shall comply with ASTM A449. Nuts and washers shall comply with section 4.1.4 of this standard."	Reject. The last part of the sentence covers alternate materials.

7	BC	4.3.5.1	- 4.3.5.1 "...I-beams, angle iron..., and square tube..." are generic terms. I think we could be more specific and correct by wording it as, beams (Wide Flange or S), hollow structural section (HSS), miscellaneous metals (e.g. angle, channel, flat bar)..."	Accept In Principal: Replaced with "beams (Wide Flange or S), hollow structural section (HSS), other structural shapes (e.g. angle, channel, bar stock)..."
8	BC	4.4.5	- 4.4.5 Electrical Raceways and Plugging Strips. I propose this section be renamed "4.4.5 Connector Strips" and supported and defined by the National Electrical Code (NEC) Article 520: "Connector Strip. A metal wireway containing pendant or flush receptacles." Further, 4.4.5.1 & 4.4.5.2 all instances of "electrical raceways and plugging strips" to be substituted with "connector strips".	Accept. Also added connector strip to definitions
9	BC	4.4.7.4.4	- 4.4.7.4.4 Screens do not always come with rig points. In some models, the screen comes with suspension brackets that are to be attached to the case. Typically, these are adjustable and there is not a specific designated location. Therefore, I propose, "...suspended using the attachment points or hardware provided by the manufacturer according to their instructions."	Accept