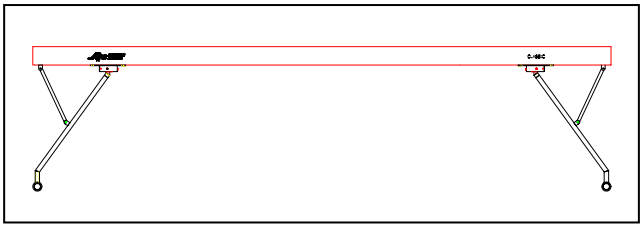
AAI AMERICAN SPECIFICATIONS

DATE: 11-8-99



MODEL NUMBER: 0406430

DESCRIPTION: BB-604-RNA CLASSIC™ Reflex Non-Adjustable Balance Beam

GENERAL DIMENSIONS: Bases shall be constructed in an inverted T-Shape, with the "T" running perpendicular to the beam. The length of the "T" Base shall be 47 ¼" (1200 mm). Height shall be set at 49 ¼" (1250 mm). All metal, wood, and fabric components shall be fabricated from the finest grades of gymnastic materials available. Finish on the bases shall be a blue metallic power coat. Uprights shall be constructed of 1-1/2" (38 mm) x 4" (101 mm) steel tubing of at least 11 gauge (3.0 mm) wall thickness. Brace arms shall be constructed of 1" (25 mm) x 2" (50 mm) steel tubing of at least 11 gauge (3.0 mm) wall thickness. Bases shall be constructed of 2-3/8" (60 mm) o.d. steel tubing of at least 5/32" (4 mm) wall thickness. Padded balance beams shall meet specifications as set forth by the Federation Internationale De Gymnastique (FIG).

CONSTRUCTION:

1. Padded Beam: The padded beam shall be constructed with the main body being an aluminum extrusion. Ends shall be closed with 1" (25 mm) thick wooden end caps. The top surface shall be covered with 1/4" (6 mm) thick layer of sponge foam and a 1/4" (6 mm) layer of neoprene rubber. The entire top, sides, and ends of the beam shall be covered with a durable, porous, non-slip material .10" (2.5 mm) in thickness. The entire bottom shall be enclosed on the ends by 1/4" (6 mm) by 31/2" (89 mm) steel cover plates and in the middle by a plastic extrusion. Each end plate shall have a set of welded ears to form hinged connections with the top portion of each upright. Uprights shall be fastened with spring pins and 3/8" (9 mm) hex head bolts. The entire bottom of the beam shall be smooth except for the hinged connectors. The complete beam shall be 16'-5" (5000 mm) in length with a 4" (102mm) wide working surface and all dimensions and contours shall meet full FIG specifications.

2. Reflex: The height shall be 49 ¼" (1250 mm), as specified by the USA Gymnastics (USAG). The reflex mechanism consists of a reflex bumper riding on a hinged weldment that attaches to the beam leg. Impact from landing on the beam allows the reflex bumper to compress, absorping the energy from the inner leg and returns the energy to the gymnast. The location and orientation of the reflex mechanism ensures that the reflex mechanism performs the same at all adjustment heights.

3. Bases: The uprights of the padded balance beam shall be "T" shaped and fabricated of 1-1/2" (35 mm) x 4" (101 mm) steel tubing of at least 11 gauge (3.0 mm) wall thickness. The ends of the base part are covered with replaceable and non-marking rubber footpads. The base will provide a low center of gravity and complete stability under all performing conditions. Brace arms shall be constructed of 1" (25 mm) x 2" (50 mm) steel tubing of at least 11 gauge (3.0 mm) wall thickness. Bases shall be constructed of 2-3/8" (6 mm) o.d. steel tubing of at least 5/32" (4 mm) wall thickness. Finish on the bases shall be blue metallic power coat.