

The Nineteenth Annual Regional
BRIDGE BUILDING CHAMPIONSHIPS

March 1, 2014

at WKU Center for Research & Development Commons Area

2014 Bridge Checklist

(This list is identical to the Certification Form that will be used on March 1, 2014.)

Check:	Specification:
	Constructed of 3/32" square basswood and not stained, painted, or coated.
	Mass NOT greater than 25.00 g
	Length at base of bridge capable of spanning a 300.0 mm gap.
	Maximum length of bridge not greater than 400.0 mm.
	Maximum width of bridge not greater than 80.0 mm.
	Maximum height of bridge not greater than 200.0 mm above the upper support surfaces.
	No portion of the bridge extends below the top of the support surfaces.
	The loading plane is horizontal and is the physical top of the bridge.
	The loading plane is between 100.0 mm and 200.0 mm above the support surfaces.
	Two loading positions are located 50.0 mm left of center of span and 50.0 mm right of center of span.
	Loading plate 50.0 mm x 50.0 mm able to be pushed smoothly along the loading plane from one loading point to the other.
	Clearance provided for the loading rod to be attached to the plate and hang down vertically through the bridge below each loading point.