

BBC – PEO Brampton –Qualification Checklist

March 7, 2026

Important design requirements for a bridge to qualify for strength testing:

- 1. Standard wooden popsicle sticks (unmodified) and glue only**
- 2. Construction paper only used for the deck**
- 3. No oil-based paint (spray paint, oil paint, latex paint, stain)**
- 4. Total Bridge Length: Minimum 500mm length, Maximum 700mm**
- 5. Width of Bridge Deck: Minimum 80mm, Maximum 150mm width**
- 6. Projection of bridge extending below and between end supports: Maximum 50mm below and less than 400 mm between supports**
- 7. Maximum mass of bridge: 240 grams**
- 8. Must provide a minimum 20 mm size hole in the center of the bridge deck to attach the tester's pull-down mechanism**