

**World Curling Federation Broom Documentation Fact Sheet****To be completed by the manufacturer**

Manufacturer: \_\_\_\_\_ Contact name: \_\_\_\_\_

Contact e-mail: \_\_\_\_\_ Phone number: \_\_\_\_\_

Broom name and/or model: \_\_\_\_\_

Broom plate dimensions: Length: \_\_\_\_\_ Width: \_\_\_\_\_ Ratio: \_\_\_\_\_

Finished broom pad dimensions: Length: \_\_\_\_\_ Width: \_\_\_\_\_ Ratio: \_\_\_\_\_

Foam type, manufacturer &amp; description: \_\_\_\_\_

Minimum foam height: \_\_\_\_\_

Hardness on shore OO scale: Edge: \_\_\_\_\_ Middle: \_\_\_\_\_ Overall: \_\_\_\_\_

Compression modulus: \_\_\_\_\_ Fabric lot number: \_\_\_\_\_

**To be completed by the National Research Council of Canada**

Check to confirm receipt of the following components:

- Product drawing with dimensions
- Foam sample (6 units)
- Assembled heads (6 units)
- Fabric sample large enough to make one unit, cut in required direction
- Unassembled base/faceplate (1 unit)
- Capture piece and connectors that attach the assembled head to the handle (1 unit)

**General Product Information**

Base/faceplate: Length: \_\_\_\_\_ Width: \_\_\_\_\_ Ratio: \_\_\_\_\_

Assembled broom: Length: \_\_\_\_\_ Width: \_\_\_\_\_ Ratio: \_\_\_\_\_

Minimum foam height: \_\_\_\_\_ Foam allowance (if applicable): \_\_\_\_\_

Fabric orientation: \_\_\_\_\_

**Product Mechanical Properties**

Average hardness: Edge: \_\_\_\_\_ Middle: \_\_\_\_\_ Overall: \_\_\_\_\_

Young's modulus of compression: \_\_\_\_\_

Compression modulus ratio: \_\_\_\_\_

Residual foam height at 95% compression: \_\_\_\_\_ Force required for 95% compression: \_\_\_\_\_

**Product Results**Product in alignment with specifications:  Yes or  NoOn-ice testing required:  Yes or  No

Reason for on-ice performance testing: