

Wellbeing Instruments Pty Ltd

25 July 2024
File Ref. D3001.622

Playground Equipment Assessment – OUTDOOR XYLOPHONES

Play DMC has reviewed the design of two OUTDOOR XYLOPHONES based on:

- Discussions with Tomas Fitzgerald during the design process.
- A review of the Wellbeing Instruments drawings dated 25 November 2022, 21 January 2024 and 3 April 2024.
- An inspection of the two Xylophones on 24 July 2024.

The Play DMC review was a check for conformance to the relevant visually assessable “Safety Requirements” clauses of AS4685¹. Based on this:

I certify that *the equipment complies with AS4685*².

Manufacturer: Wellbeing Instruments Pty Ltd

Item Names: **XYLOPHONE (11 note)**
XYLOPHONE (15 note)

Notes: These instruments are intended for playing standing next to and unintended climbing access is not encouraged hence they do not require an impact area fall zone around them.

The bars have 15-20mm long spacers between them so that they:

- cannot be pushed together to form potential finger crush points (i.e. no moveable gaps <12mm can be created); and
- cannot be spread further apart to form potential neck entrapments (i.e. no gaps >45mm can be created).

The items are <1m high (820mm maximum) hence finger entrapment does not need to be considered. In any case, the open ends of the bars are >25mm diameter hence too large to be potential finger entrapments.

Yours Faithfully

A handwritten signature in black ink, appearing to read 'Paul Grover'.

PAUL GROVER

Register of Playground Inspectors Australia Level 3 (Comprehensive)
Chartered Professional Engineer (CPEng), Life Member, Play Australia

¹ AS4685 (set) – 2021, *Playground equipment: Safety requirements and test methods*.

AS4685.0 – 2017, *Playground equipment and surfacing Part 0: Development, installation, inspection, maintenance and operation*.

² This is subject to the equipment being installed and maintained in accordance with Wellbeing Instruments requirements. Assessment does not include structural integrity and some materials assessment and testing. Note that both AS4685.0 & 1 indicate that “risk-taking is an essential feature of play provision” and the AS4685.1 Preface states that it “has been prepared with full recognition of the need for supervision of young children and of less able or less competent children”. The Standard’s existence will not necessarily prevent injuries and like other physical activities, the use of playspaces involves the risk of injury. This document and the adoption of any recommendations listed is not a guarantee that an incident will not occur. Accidents can occur anywhere regardless of design be it through misuse, skylarking, rough play, poor supervision, use by inappropriate age groups, misfortune, vandalism or poor maintenance, etc.