English Indoor Bowling Association Ltd

David Cornwell House, Bowling Green, Leicester Road. Melton Mowbray Leicestershire LE13 0FA

Telephone: 01664 481 900 Fax: 01664 482 888

Website: www.eiba.co.uk

General Enquiries: enquiries@eiba.co.uk



Aero Trifecta Bowls

Official Statement

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BACKGROUND

The English Indoor Bowling Association Ltd following receipt of several enquiries from affiliated Clubs and individual bowlers, regarding the Aero Trifecta range and the potential health risks these bowls could cause to players, spectators and officials made the decision to fully investigate these concerns.

The EIBA engaged the services of two leading experts in the field of photosensitivity. These were Graham Harding, DSC, PhD, BSc, Hon MRCP, and Hon FCRP. Emeritus Professor of Clinical Neurophysiology and Dr Mark Hodgetts, Principle Scientist at the Cambridge Research Systems Ltd.

In addition the EIBA liaised with AeroBowls at all stages and received the full support from the Chief Executive Officer and UK's Chief Executive when information and product was requested.

The investigation process involved two physical tests and the review of television footage of the Trifecta Bowl.

THE FINDINGS

The report following the first physical test indicated that there is little risk that the Trifecta Bowls could induce a seizure in photosensitive persons. Although the flicker effect caused by the dark and light colours could lead to people experiencing visual discomfort.

As a result of the latter, a second more detailed testing took place, in conjunction with AeroBowls, with a large selection of the Trifecta range, over defined measurements of the bowl being delivered.

From this Testing the following Trifecta colour combinations were deemed not to pose any health risks: -

- 1. Lunar Aqua/Ocean/Storm
- 2. Lunar Aqua/Purplehaze/Grape
- 3. Lunar Grape/Aqua/Emerald
- 4. Lunar Ocean/Galaxy/Demon
- 5. Lunar Purplehaze/Grape/Storm
- 6. Red/Orange/Pink
- 7. Pink/Dark Blue/Magenta
- 8. Half Blue/Half Yellow

- 9. Solarflare/Matilda/Jazz
- 10. Red/Light Blue/Yellow
- 11. Black/White/Mint

For the remaining Trifecta colour combinations the report identified the following: -

- a) Little or no risk to spectators due to the distance
- b) Would not pose a risk to the bowlers on adjacent rinks
- c) Could possibly cause visual discomfort, within the initial 10 metres of delivery, to the bowler and those in close proximity, i.e. at the mat end.

DECISION

Based on the findings, the EIBA are content that Aero Trifecta Bowls can be used in Indoor Bowls Clubs. In addition AeroBowls, based on these Independent reports, have tailored the Trifecta range available within the UK.

Peter Thompson Chief Executive 27th July 2015