

2019 EDITION OF BOWLS AUSTRALIA OFFICIATING MANUAL.

This updated edition of the Officiating Manual includes the following changes which have been made to the 2016 edition which was provided to you when you were last Reaccredited. These details are provided so that you can bring your copy of the Officiating Manual up to date.

- 1 Page 4 Overview of the Manual - (Crystal Mark 3rd edition 1st January 2015) **updated to:** (Crystal Mark 3rd Edition, Version 3.1, April 2019).
- 2 Page 6 Measuring Equipment list **revised to include:** Golding Measure, Laser Measure and Royal Measure.
- 3 Page 8 All officials need to be at least 16 years of age **changed to:** There is no minimum age for officials however they must be deemed competent in the three main areas. **Also added was:** Young officials may need to have mentors appointed to assist them as they learn and manage their role.
- 4 Page 12 The Law Book. The current law book (Crystal Mark 3rd edition) was adopted by the World Bowls Council in 2014 and introduced in Australia on 1st January 2015 **changed to:** The current Law book (Crystal Mark 3rd edition, Version 3.1) was adopted by the World Bowls Council in 2018 and introduced in Australia on 1st May 2019. The image of the front cover of the law Book has been changed to the current one.
- 5 Page 43 **Photo changed.**
- 6 Page 50 Artificial Devices- Players needing to use bowlers' arms must apply for approval with a medical certificate to STA's, which must for their part keep a register of approvals **changed to:** a medical certificate is no longer required from bowlers for the use of a bowlers' arm.
- 7 Page 54 Other items of equipment **revised to include** Laser Measure for measuring distances 30cm to 5m and Royal Measure for measuring distances 20cm to 90cm.
- 8 Page 56 Feeler gauge: **now stipulates** that they must be 32 blade to achieve an accurate measure.
- 9 Page 64 **Set Square set up relocated from page 65.**

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10 Page 65 Images of the Laser Measure and Royal measure have been added. It should be noted that Bowls Australia now requires that all measures in finals under its jurisdiction must be made using a Laser Measure if they fall within its capabilities.

Milton Rigby
Chairman Bowls NSW State Umpires Committee.
1st November 2019.

This manual is designed to work in conjunction with and support modules of learning and courses for accreditation for Australian Bowls Officials. Having said that, the manual is not a textbook but rather a reference all officials can use throughout their career.

The manual should be read in conjunction with the Laws of the Sport of Bowls (Crystal Mark 3rd Edition, Version 3.1, April 2019). The manual begins with an overview of the laws as they apply to all officials.

The manual includes specific chapters relevant to Markers, Measurers and National Umpires and their required duties. The chapter on Self Management applies to all Officials, while both Measurers and National Umpires will need to refer particularly to the chapter for Measurers and on Measuring Equipment.

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MEASURING EQUIPMENT

Overview of equipment..... 54

Recommended use of equipment..... 55

- Chocks and wedges
- Feeler gauges
- White card or plastic
- Callipers
- Trammels and callipers
- Box string measure
- Telescopic measure
- Long string measure
- Long tape
- Boundary scope
- Liner siter
- Mirrors
- 25-30 metre tape
- Orbital measure
- Golding measure

Unusual measures..... 64

- Set square
- Laser measure
- Royal measure

Artificial devices

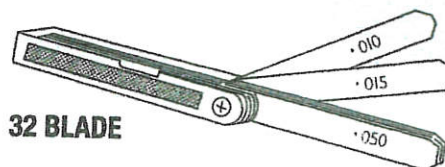
Artificial Devices can be used for delivering the jack or bowls (Law 41.8). The design and manufacture of bowlers' arms must be approved by BA (DR 4.11.1). A medical certificate is no longer required from bowlers for the use of a bowlers' arm. See (DR 4.11.2). Approved bowlers' arms and the process for appealing to the umpire against non-compliant players or non-approved devices is detailed in the BA Artificial Devices Policy.

Good umpires will be aware of the requirements for play with bowlers' arms and will be vigilant in their observation of players using these devices.

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Feeler gauges

Feeler gauges are measuring equipment approved for use at all events, and to be used by measurers and umpires. Feeler gauges are essential when the distance being measured is very small.



To measure with feeler gauges:

- using chocks or wedges, secure any bowls in danger of moving;
- place a strip of white cardboard or plastic on the green under the gap between each bowl and the jack to improve visibility;
- Working from the open side begin by choosing a selection of gauges that together make a thickness less than the assessed distance between the jack and the bowls;
- be square on to the measure and steady both hands on the green;

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OTHER ITEMS OF EQUIPMENT

ITEM OF EQUIPMENT	USED FOR
TRAMMELS WITH CALIPERS	Measuring distances between 25cm and 1.5 metres
MIRRORS	Judging whether jack or bowls are within the rink of play
ORBITAL 360° MEASURE	Measuring distances between 17cm and 110cm
GOLDING MEASURE	Measuring distances up to 3.5 metres
LASER MEASURE	Measuring distances 30cm to 5 m
ROYAL MEASURE	Measuring distances 20cm to 90cm

*Please note: The Controlling Body can determine the measuring equipment to be used.

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REQUIRED COMPETENCIES OF OFFICIALS

Officials at all levels are expected to have a set of skills and be able to perform relevant duties competently. A specific set of competencies is required for each official and these are dealt with in this manual. Some competencies are specific to the official's particular role and some, such as self-management, apply to all officials.

There is no minimum age for officials however they must be deemed competent in the three main areas:

1. Self-management: how officials conduct themselves and manage the bowls environment fairly, honestly and with integrity;
2. Laws: knowing the relevant Laws of the Sport of Bowls;
3. The official's specific tasks and duties.

Young officials may need to have mentors appointed to assist them as they learn and manage their role.

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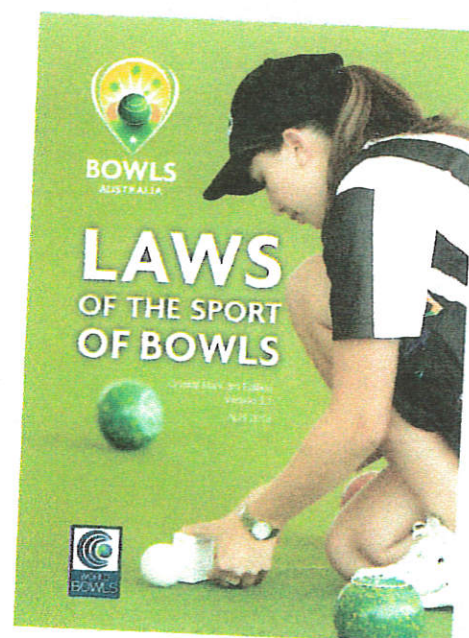
CHAPTER 2

THE LAW BOOK

The Laws of the Sport of Bowls apply worldwide, in every country where lawn bowls is played, except for small modifications for local conditions. The laws deal with all facets of the game including:

- the physical arrangements of the surface on which the game is played ie: with the green, the ditches and the banks;
- the equipment necessary for playing the sport ie: mats, jacks, bowls and measuring equipment;
- the conditions and formats for games at various levels; and
- the rules for the game and the many factors which might affect games.

The current Law Book (Crystal Mark 3rd edition, Version 3.1) was adopted by the World Bowls Council in 2018 and introduced in Australia on 1st May 2019.



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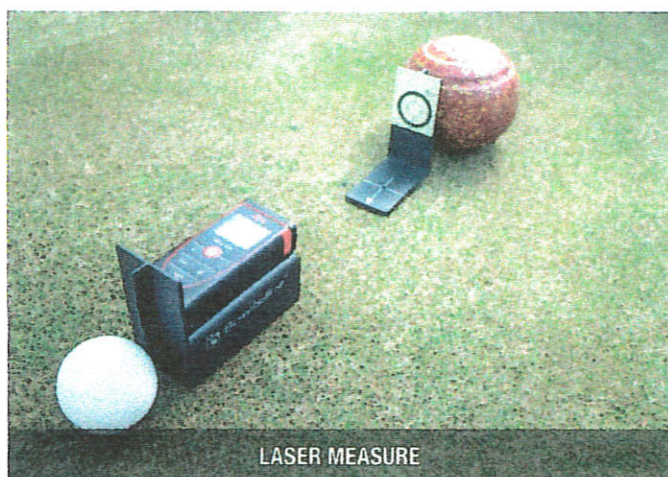
Set square

A set square is helpful when deciding whether a bowl or jack is in play when there are obstructing bowls obscuring the line of vision. The set square can be used in conjunction with the boundary scope or the liner siter.



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Measuring equipment for use by officials



Laser measure

A laser measure is one of the more recently approved measuring devices, by World Bowls and Bowls Australia. It is recommended for use with distances between 30cm and 5 metres.

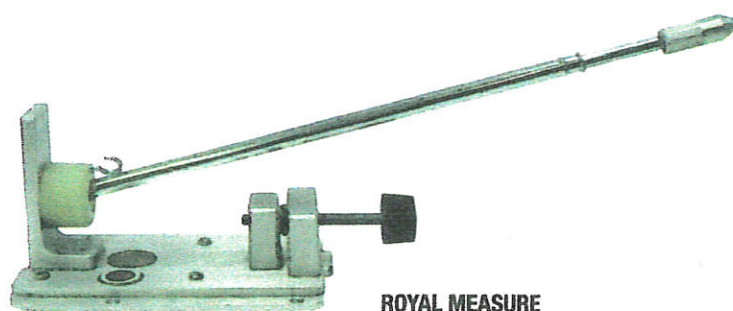
Royal measure

A royal measure is a telescopic measure on a base plate which has a

screw adjustable tip for making finer adjustments. Suitable for distances between 20cm and 90cm.

SUMMARY

Good officials will continue to practise using all equipment and be familiar with the general procedures for measuring. Part of the responsibility of officials is to keep their own and their Club's equipment in good



working order and neat and tidy. Not all Clubs will have the same equipment and good officials will be well prepared to use different equipment in different clubs and from State to State.

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