



## QUEENSLAND AXEMEN'S ASSOCIATION

### By Laws

For all competition rules please refer to the AAA Rule Book

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## 1. Handicap Book

For members of the Queensland Axemen's Association (QAA) all performances for woodchopping events will be recorded in a "green" handicap book. All sawing performances will be recorded in a "red" handicap book. These books are to be produced to the bookkeeper at the start of the event/carnival, all handicap performances will be recorded in these books, including any prize money won and handicap changes. **The minimum book mark in all handicap woodchopping and sawing events is 3.**

Any competitor not being able to produce their performance book to the officials/bookkeeper prior to the commencement of the chop, will not be eligible to compete. **NO BOOK - NO CHOP.** The Official on the day may use their discretion to allow a competitor to compete if sufficient information is available for correct handicaps to be used.

## 2. Panel Marks

Underhand & Standing Events	- 15
Treefelling	- 70
Novice	- 35
Junior Events	- 15
Sawing Events	- 15
Veterans	- <b>To be set by handicapping committee</b>
Women's Underhand	- 35

## 3. Penalties

### 3.1. Open Underhand & Standing Block Handicap Events

- Maximum handicap 43 seconds in a 300mm diameter underhand or standing block. Refer to Underhand and Standing Handicap Scale for handicap scale and alternate log size scale.
- One (1) second penalty for every \$60 prize money, with a maximum of eight seconds penalty.
- One (1) second award for every **three** unplaced performances
- Prize money less than \$60 – there is no penalty.
- All unplaced performances are marked in the form of an 'X', the accumulation of three 'X's" will result in a lift of one second. These changes are made at the end of each day of an event/carnival.
- Should a competitor place first in an event off the maximum handicap of 43 (or scaled equivalent) therefore takes no penalty, the other place getters in that event also take no penalty for prize money won. Competitors on the maximum handicap of 43 (or scaled equivalent), who would normally incur a penalty, forfeit all accumulated X's.
- Competitors with a book mark of 3, shall accumulate a maximum of 3 X's. Axemen competing off a handicap of 3 and have accumulated X's for their unplaced events shall forfeit all X's once they win more than \$60 prize money in one event and remain on 3.

### 3.2. Treefelling Events

- Maximum handicap 140 seconds for a 300mm diameter log. Refer to treefelling conversion sheet for handicap scale and alternate log size scale.
- One (1) second penalty for every \$20 prize money, with a maximum of ten (10) seconds penalty.
- Six (6) seconds award for each unplaced performance. Prize money less than \$20, no penalty, no award.
- Should a competitor win off the back mark handicap of 140, and therefore takes no penalty, the other place getters in that event receive -
- Second place receives a two (2) second lift.
- Third place receives a four (4) second lift.
- All other competitors receive a six (6) second lift.
- If you are conducting multiple tree finals in place of heats and a final, the rankings when drawing up each event will be determined by handicap in the same way as heats are drawn.

### **3.3. Novice Events**

- Maximum handicap 60 seconds in a 275mm in underhand and 250mm standing block. Refer to Veterans, Juniors, Novice & Women's conversion sheet for handicap scale and alternate log size scale.
- 
- One (1) second penalty for every \$20 prize money.
- First place takes a maximum of five (5) seconds penalty.
- Second place takes a maximum of three (3) seconds penalty.
- Third place takes a maximum of one (1) second penalty.
- Two (2) second award for each unplaced performance.
- If the backmarker wins off 60 seconds, no one in the event takes penalty.
- Novice axemen shall have a separate handicap mark for underhand and standing events.

### **3.4. Junior Events**

#### *Under 18's (limited to 17 years & under)*

- Maximum handicap 60 seconds in a 250mm diameter underhand or standing block. Refer to Veterans, Juniors, Novice & Women's conversion sheet for handicap scale and alternate log size scale.
- One (1) second penalty for every \$20 prize money.
- First place takes a maximum of five (5) seconds penalty.
- Second place take a maximum of three (3) seconds penalty.
- Third place take a maximum of one (1) second penalty.
- Two (2) second award for each unplaced performance.
- If the backmarker wins off 60 seconds, no one in the event takes penalty.

#### *Under 13's (limited to 13 years & under)*

- Maximum handicap 60 seconds in a 250mm diameter underhand or standing block. Refer to Veterans, Juniors, Novice & Women's conversion sheet for handicap scale and alternate log size scale.
- One (1) second penalty for every \$20 prize money.
- First place takes a maximum of five (5) seconds penalty.
- Second place take a maximum of three (3) seconds penalty.
- Third place take a maximum of one (1) second penalty.
- Two (2) second award for each unplaced performance.
- If the backmarker wins off 60 seconds, no one in the event takes penalty.
- Any guardian supervising junior participants intending to pre-cut their block must first obtain approval from the designated official on the day. The official will determine the appropriate amount to be cut.
- Competitors that don't cut the full diameter of a block are not eligible for official placings.

### **3.5. Veterans Events (limited to 60 years & over)**

- Maximum handicap 60 seconds in a 275mm in underhand and 250mm standing block. Refer to Veterans, Juniors, Novice & Women's conversion sheet for handicap scale and alternate log size scale.
- One (1) second for every \$20 (max 5 seconds)
- If the backmarker off the mark of 60 DOES NOT win – four (4) seconds for each unplaced
- If the backmarker off the mark of 60 DOES win –
  - Second place takes a two (2) second lift
  - Third place takes a four (4) second lift
  - Unplaced competitors take a six (6) second lift
  - First place takes a maximum of five (5) seconds penalty.
  - Second place take a maximum of three (3) seconds penalty.
  - Third place take a maximum of one (1) second penalty.
  - Four (4) second award for each unplaced performance.
- Veteran axemen shall have a separate handicap mark for underhand and standing events.

### 3.6. Women's Events

- Maximum handicap 60 seconds in a 275mm in underhand. Refer to Veterans, Juniors, Novice & Women's conversion sheet for handicap scale and alternate log size scale.
- One (1) second penalty for every \$20 prize money.
- First place takes a maximum of five (5) seconds penalty.
- Second place take a maximum of three (3) seconds penalty.
- Third place take a maximum of one (1) second penalty.
- Two (2) second award for each unplaced performance.
- If the backmarker wins off 60 seconds, no one in the event takes penalty.

### 3.7. Sawing Events

- Standard size logs for sawing events
  - Double handed – 450 mm
  - Single handed – 375 mm
  - Jack & Jill – 375 mm
  - Jill & Jill – 375 mm
  - Jill single handed – 325 mm
- Softwood marks apply to Pine
- One (1) second lift for each unplace performance
- One (1) second penalty for every \$20 (maximum five (5) seconds)
- In any field of competitors, a maximum of half the field or less (rounded down) take a penalty.
- Example:
  - In a field of three competitors, only first takes penalty
  - In a field of four competitors, first and second take a penalty
  - In a field of five competitors, first and second take a penalty
  - In a field of six competitors, first, second and third take a penalty
- Combined back mark of 20 and is outlined below.

#### Sawing Handicap System

This system caps the combined back mark at 20, so workout whatever percentage is required to achieve this based on 450mm hardwood marks. Once this percentage is established, it's then applied to all remaining combined marks. Other adjustments to be applied for different size logs thereafter and if it is Pine convert to softwood marks. Refer to sawing conversion sheet for handicap scale and alternate log size scale.

#### Example:

Step 1	Step 2	Step 3
Add each pairing's bookmarks together on the day.  Pair one $26 + 27 = 53$	Determine what percentage the back mark of 53 has to be reduced to lower it to 20.  $20 \div 53 \times 100 = 37.7\%$ round this to 38%	If sawing Pine convert the back mark of 20 to reflect the size block based off the soft wood marks  450 Pine the mark reduces to 12. 425 Pine the mark reduces to 11. 400 Pine the mark reduces to 10. 375 Pine the mark reduces to 9. 350 Pine the mark reduces to 8.
Pair two $12 + 23 = 35$	Pair one $.53 \times 38\% = 20$	
Pair three $12 + 14 = 26$	Pair two $.35 \times 38\% = 13$	*Please note: if the combined & reduced mark of the sawyers is less than three, their mark will be increased to three and the remainder of the field will have their marks adjusted by this same amount.
Pair four $7 + 8 = 15$	Pair three $.26 \times 38\% = 10$  Pair four $.15 \times 38\% = 6$	

For shows/carnivals conducting restricted/novelty peg & raker handicap events, open sawing marks shall be used. No penalty or awards shall be given for such events.

## 4. Queensland Title Championships

Any of the below championships may be allotted from year to year, to be competed for at approved registered meetings. No new Queensland Titles shall be allocated on the same day of an existing Queensland Title. The number of entries into a Queensland Title cannot be restricted.

At a show/ carnival where the overall number of competitors is restricted, provisions must be made for anyone that enters a Queensland Title to be able to cut in all open events on the day.

Any affiliated Club or Society or Promoter applying for a Queensland Championship event to be placed on its program must send in such application to the Secretary of this Association prior to the event.

A video must be supplied to assist judging.

In the Jack & Jill events half of the points will be allocated to the men's champion of champions register and the other half of the points will be allocated to the women's champion of champions register.

1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> placegetters from the previous year, if this information is available, will be ranked 1 – 4 and all other nominated competitors ranking will be based off their handicaps and X's on the day of the event.

Minimum number of competitors in a Queensland Title:

- Underhand & Standing – Six (6)
- Elimination – Eight (8)
- Tree – Four (4)
- Single Handed Sawing – Six (6)
- Double Handed Sawing – Four (4) Pairs
- Women's Events – Four (4)
- Women's Double Handed Sawing – Four (4) pairs

**Novice competitors are not permitted to enter any open Queensland title woodchopping events.**

### 4.1. Open Queensland Title Events

Every open Queensland Championship event must carry a minimum prize:

- \$550 first
- \$350 second
- \$250 third
- \$150 fourth
- \$100 for fifth & sixth

The following are the Queensland Title Championship events recognised by this Association:

- **Standing blocks:** 250mm, 275mm, 300mm, 325mm, 350mm, 375mm & 400mm.
- **Underhand:** 275mm, 300mm, 325mm, 350mm, 375mm & 400mm.
- **Combination:** 250mm, 275mm & 300mm.
- **Treefelling:** 250mm, 275mm, 300mm & 325mm.
- **Standing Block Elimination and Hard Hitting:** 250mm, 275mm, 300mm & 325mm.
- **Underhand Elimination and Hard Hitting:** 275mm, 300mm & 325mm.
- **2-man Butchers Block:** 500mm & 600mm.
- **Single handed:** 375mm, 400mm, 450mm & 500mm
- **Double handed:** 450mm, 500mm & 600mm
- **Jack & Jill double handed:** 375mm, 400mm & 450mm

## 4.2. Women's Queensland Title Events

Every Women's Queensland Championship event must carry a minimum prize:

- \$300 first
- \$200 second
- \$100 third
- \$50 fourth

The following are the Women's Queensland Title Championship events recognised by this Association:

- **Underhand:** 250mm, 275mm, 300mm, 325mm
- **Jill & Jill double handed:** 375mm, 400mm, 450mm
- **Jill single handed:** 325mm, 350mm, 375mm
- **Jack & Jill double handed:** 375mm, 400mm, 450mm (Prize money for Jack & Jill must be the same as the men's.)

## 5. Points Trophy

Points trophies shall be awarded to axemen winning the highest number of points from events listed on the program.

Where programs fail to indicate which events carry points towards a trophy, all single-handed events shall be included in the tally, or the matter will be decided by the Chief Steward prior to the first event on the day. Points allocation shall be five (5) points for first, three (3) for second, two (2) for third and one (1) for fourth.

For double handed and teams events, points shall be shared equally.

## 6. Results

After any meeting registered with this Association the book keeper or the steward of such meeting or the official conducting the contest shall forward to the Secretary of the Association within seven (7) days a complete record of the winners and placegetters with their starts, the size of the timber and any other particulars necessary, so that each competitor's performance may be recorded by the association.

## 7. Postponement

The Committee of any Club or a Promoter may postpone/cancel an event/carnival on account of wet weather or other justifiable cause, and in such an event a competitor shall have the right to refund of entrance fees prior to the commencement of the event starting.

For shows that have commenced and have had to be postponed X's will be given in the books for all events that are not completed on the day.

## 8. Handicappers

The handicapping committee consists of all committee members to join the President and Secretary as official handicappers, who will meet when required, to consider requests for adjustments and any other matters calling for their attention.

The Management Committee shall have the power to fill any vacancy occurring during the year.

District Handicappers may be appointed at the Annual General Meeting.

Handicappers shall not make any adjustments to handicaps of existing competitors, unless having first been brought before a duly convened meeting of the Management Committee.

## 9. Existing & New Members

Every person applying for membership must provide the Secretary of the Association with a completed membership form and payment of membership in full **via the Q.A.A. Inc website**, the QAA nomination & membership platform, as distributed by the QAA Secretary.

## 10. Registration

Any Sports Gathering, Agricultural Show or Carnival in Queensland at which woodchopping, sawing or kindred contests are held must register with this Association upon payment of an annual registration fee, to be fixed from time to time as the management committee may direct. No Q.A.A. Inc. member may compete or take part in any unregistered meeting.

## 11. Payment of Fees

Entry fees shall be determined by the Club, Society or Promoter in consultation with the Committee of the Queensland Axemen's Association.

All entries must be completed and paid in full **via the Q.A.A. website**, the QAA nomination & membership platform (as distributed by the QAA Secretary) by the advertised closing date. Phone entries will not be accepted under any circumstances.

Competitors are not eligible to participate in any event unless their nomination fees have been paid in full. There will be no refund of entry fees after the closing date for entries, for any reason, (including sickness or work).

Any competitor listed as unfinancial by the Association is ineligible to compete at any registered event until the outstanding amount has been paid in full. A competitor listed as unfinancial may regain eligibility to compete by settling the outstanding amount with the Association, either through the Secretary of the Queensland Axemen's Association or directly with the appointed contest official.

Blocks supplied to the event/carnival remain the property of the Club, Society or Promoter. Blocks left over due to scratching or changed events shall be dealt with as the chief steward desires. No blocks may be removed without permission of the chief steward.

### 11.1. Membership Fees

Full Member	\$ 225
Veteran Member (over 60 years)	\$ 225
Novice & Sawyer (not eligible to enter open events)	\$ 135
Junior Members (Under 18 years)	\$ 95
Social Member (not eligible to compete)	\$ 75
Junior Members (Under 13 years)	Free
Life Member	Free

### 11.2. Equipment Hire & Administration Fees

Underhand Cradles (per set)	\$60 (per day)
Standing Block Dummies (per set)	\$60 (per day)
Sawing Cradles (per set)	\$60 (per day)
Delivery/Drop Off of Equipment Trailer	\$100

### 11.3. Affiliation Fees

Demo	\$60
First Day	\$150
Day two onward	\$100 (per day)

### 11.4. Handicapper/Bookkeeper Fees

Per Day	\$100
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### 11.5. Title Event Fees

Queensland Title Event	\$40.00
Australian Title Event:	\$300.00
World Title Event:	\$400.00

## 12. Guide for Drawing up Handicap & Championship Heats

This is based on the Axemen's ranking; rankings will be determined by handicaps highest to lowest, with X's taken into account. In championships with a restricted number of entries, the heats will be drawn based on handicaps, taking into account X's. In open championships, with no restrictions, the heats will be drawn based on the first four placegetters in the previous year event (if this information is available) and the remainder of the field will be drawn based on handicaps, taking into account X's.

How to work out the 'Axemen' for an event with 3 heats & always starting with the highest ranked Axeman in heat #1		
S/B Heat # 1	S/B Heat # 2	S/B Heat # 3
Axeman #1	Axeman #2	Axeman #3
Axeman # 6	Axeman #5	Axeman #4
Axeman #7	Axeman #8	Axeman #9
Axeman #12	Axeman #11	Axeman #10
Axeman #13	Axeman #14	Axeman #15

How to work out the 'Axemen' for an event with 4 heats & always starting with the highest ranked Axeman in heat #1			
S/B Heat #1	S/B Heat #2	S/B Heat #3	S/B Heat #4
Axeman #1	Axeman #2	Axeman #3	Axeman #4
Axeman #8	Axeman #7	Axeman #6	Axeman #5
Axeman #9	Axeman #10	Axeman #11	Axeman #12
Axeman #16	Axeman #15	Axeman #14	Axeman #13
Axeman #17	Axeman #18	Axeman #19	Axeman #20

How to correctly alternate Axemen between standing block & underhand heats			
3 Heat Event			
S/B heat #1	S/B heat #2	S/B heat #3	
U/H heat #1 will be the Axemen from the S/B heat #3	U/H heat #2 will be the Axemen from the S/B heat #1	U/H heat #3 will be the Axemen from the S/B heat #2	
4 Heat Event			
S/B heat #1	S/B heat #2	S/B heat #3	S/B heat #4
U/H heat #1 will be the Axemen from the S/B heat #3	U/H heat #2 will be the Axemen from the S/B heat #4	U/H heat #3 will be the Axemen from the S/B heat #1	U/H heat #4 will be the Axemen from the S/B heat #2

QAA Underhand and Standing Block Handicap Scale																		
Book Mark	Hardwood						Medium wood						Softwood					
	9" 225mm	10" 250mm	11" 275mm	12" <b>300mm</b>	13" 325mm	14" 350mm	9" 225mm	10" 250mm	11" 275mm	12" <b>300mm</b>	13" 325mm	14" 350mm	9" 225mm	10" 250mm	11" 275mm	12" <b>300mm</b>	13" 325mm	14" 350mm
3	2	2	3	3	3	3	1	2	3	3	3	3	1	1	2	2	2	2
4	2	3	4	4	4	4	2	3	3	4	4	4	2	2	2	3	3	3
5	3	3	4	5	5	5	2	3	4	4	4	4	2	2	3	3	3	3
6	3	4	5	6	6	6	3	4	4	5	5	5	2	3	3	4	4	4
7	4	4	6	7	7	7	3	4	5	6	6	6	2	3	4	4	4	4
8	4	5	7	8	8	8	3	4	6	7	7	7	2	3	4	5	5	5
9	5	6	8	9	9	9	4	5	7	8	8	8	3	4	5	6	6	6
10	5	6	8	10	10	10	4	5	7	8	8	8	3	4	5	6	6	6
11	6	7	9	11	11	11	4	6	8	9	9	9	3	4	6	7	7	7
12	6	8	10	12	12	12	5	7	8	10	10	10	4	5	6	8	8	8
13	7	8	11	13	14	15	5	7	9	11	12	12	4	5	7	8	9	9
14	8	9	12	14	15	16	6	8	10	12	12	13	5	6	8	9	9	10
15	8	9	12	15	16	17	6	8	10	12	13	14	5	6	8	9	10	11
16	8	10	13	16	17	18	6	8	11	13	14	15	5	6	8	10	11	11
17	9	11	14	17	18	19	7	9	12	14	15	16	6	7	9	11	11	12
18	9	11	15	18	19	20	7	9	12	15	16	17	6	7	9	11	11	13
19	10	12	16	19	20	21	8	10	13	16	17	17	6	8	10	12	13	13
20	11	13	17	20	21	23	8	11	14	17	17	19	6	8	11	13	13	14
21	11	13	17	21	23	25	8	11	14	17	19	21	6	8	11	13	14	16
22	11	14	18	22	24	26	9	12	15	18	20	21	7	9	11	14	15	16
23	12	14	19	23	25	27	9	12	16	19	21	22	7	9	12	14	16	17
24	13	15	20	24	26	28	9	12	17	20	21	23	7	9	13	15	16	18
25	13	16	21	25	27	29	10	13	17	21	22	24	8	10	13	16	17	18
26	13	16	21	26	28	30	10	13	17	21	23	25	8	10	13	16	18	19
27	14	17	22	27	29	31	11	14	18	22	24	25	9	11	14	17	18	19
28	14	18	23	28	30	32	11	15	19	23	25	26	9	11	14	18	19	20
29	15	18	24	29	31	34	11	15	20	24	25	28	9	11	15	18	19	21
30	16	19	25	30	32	34	12	16	21	25	26	28	10	12	16	19	20	21
31	16	19	25	31	34	37	12	16	21	25	28	30	10	12	16	19	21	23
32	16	20	26	32	35	38	13	17	21	26	29	31	11	13	16	20	22	24
33	17	21	27	33	36	39	13	17	22	27	30	32	11	13	17	21	23	24
34	18	21	28	34	37	40	13	17	23	28	30	33	11	13	18	21	23	25
35	18	22	29	35	38	41	14	18	24	29	31	34	11	14	18	22	24	26
36	19	23	30	36	39	42	15	19	25	30	32	34	12	15	19	23	24	26
37	19	23	30	37	40	43	15	19	25	30	33	35	12	15	19	23	25	27
38	19	24	31	38	41	45	16	20	25	31	34	37	13	16	19	24	26	28
39	20	24	32	39	42	46	16	20	26	32	34	37	13	16	20	24	26	28
40	20	25	33	40	43	47	16	21	27	33	35	38	13	16	20	25	27	29
41	21	26	34	41	45	49	16	21	28	34	37	40	13	16	21	26	28	30
42	21	26	34	42	46	50	16	21	28	34	37	40	13	16	21	26	28	30
43	22	27	35	43	47	51	17	22	29	35	38	41	14	17	22	27	30	31

QAA Veterans, U18, U13, Novice & Women's Handicap Scale								
Hardwood			Medium wood			Softwood		
1" smaller	bookmark	1" larger	1" smaller	bookmark	1" larger	1" smaller	bookmark	1" larger
3	3	3	3	3	3	2	2	2
4	4	4	3	4	4	2	3	3
4	5	5	4	4	4	3	3	3
5	6	6	4	5	5	3	4	4
6	7	7	5	6	6	4	4	4
7	8	8	6	7	7	4	5	5
8	9	9	7	8	8	5	6	6
8	10	10	7	8	8	5	6	6
9	11	11	8	9	9	6	7	7
10	12	12	8	10	10	6	8	8
11	13	14	9	11	12	7	8	9
12	14	15	10	12	12	8	9	9
12	15	16	10	12	13	8	9	10
13	16	17	11	13	14	8	10	11
14	17	18	12	14	15	9	11	11
15	18	19	12	15	16	9	11	12
16	19	20	13	16	17	10	12	13
17	20	21	14	17	17	11	13	13
17	21	23	14	17	19	11	13	14
18	22	24	15	18	20	11	14	15
19	23	25	16	19	21	12	14	16
20	24	26	17	20	21	13	15	16
21	25	27	17	21	22	13	16	17
21	26	28	17	21	23	13	16	18
22	27	29	18	22	24	14	17	18
23	28	30	19	23	25	14	18	19
24	29	31	20	24	25	15	18	19
25	30	32	21	25	26	16	19	20
25	31	34	21	25	28	16	19	21
26	32	35	21	26	29	16	20	22
27	33	36	22	27	30	17	21	23
28	34	37	23	28	30	18	21	23
29	35	38	24	29	31	18	22	24
30	36	39	25	30	32	19	23	24
30	37	40	25	30	33	19	23	25
31	38	41	25	31	34	19	24	26
32	39	42	26	32	34	20	24	26
33	40	43	27	33	35	20	25	27
34	41	45	28	34	37	21	26	28
34	42	46	28	34	37	21	26	28
35	43	47	29	35	38	22	27	30
36	44	47	30	36	39	23	28	30
37	45	49	31	37	40	23	28	30
38	46	50	32	38	41	24	29	31
39	47	51	32	39	42	24	29	31
40	48	52	33	40	43	25	30	32
40	49	53	33	40	43	26	31	33
41	50	54	34	41	44	26	31	33
42	51	55	35	42	45	27	32	34
43	52	56	36	43	46	27	32	34
44	53	57	37	44	47	27	33	36
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46	56	60	38	46	49	29	35	38
47	57	61	39	47	51	29	35	38
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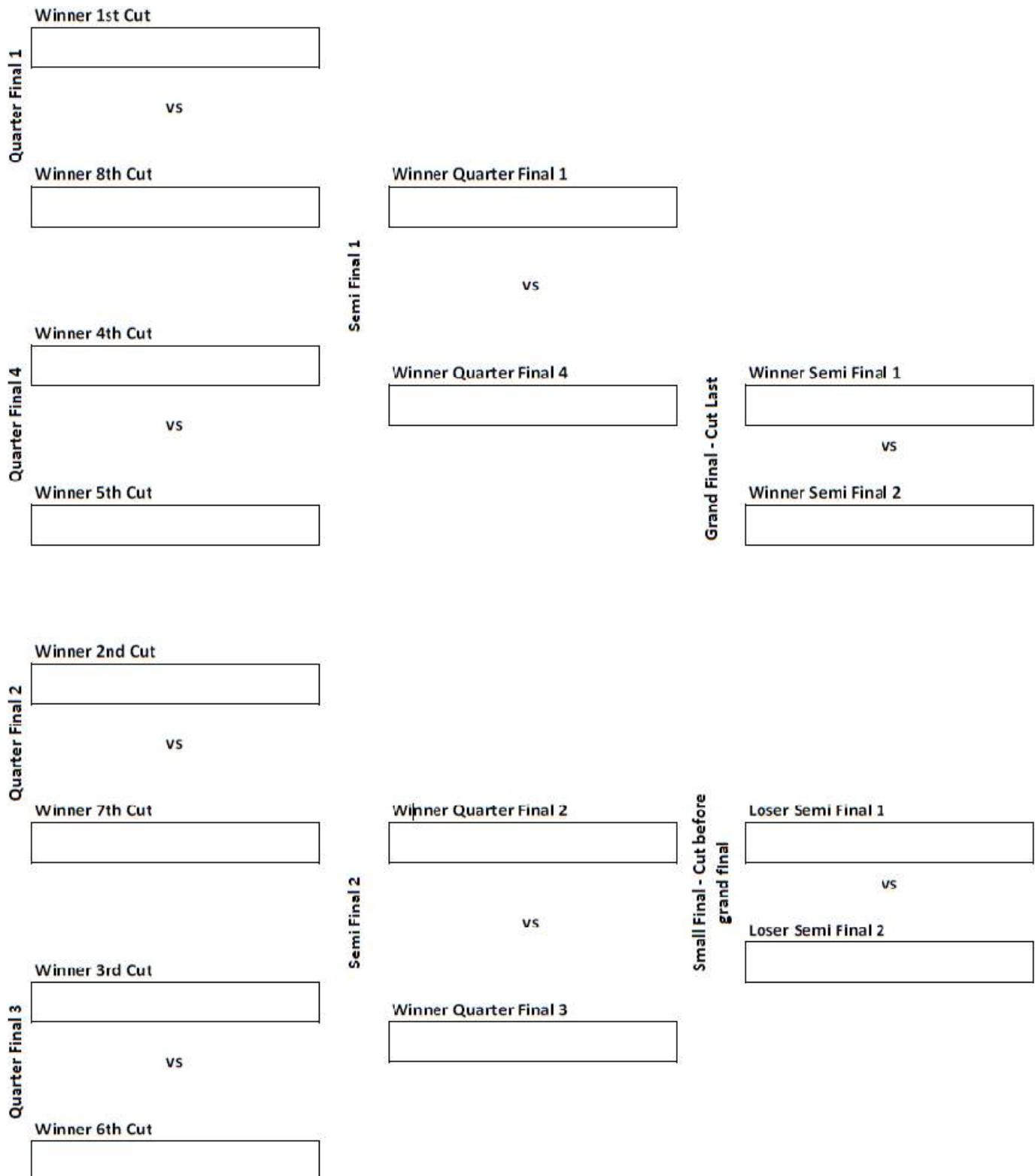
		QAA Sawing Handicap Scale																					
Book Mark		Hardwood										Softwood											
		13" 325mm	14" 350mm	15" <b>375mm</b>	16" 400mm	17" 425mm	18" <b>450mm</b>	19" 475mm	20" 500mm	21" 525mm	22" 550mm	24" 600mm	13" 325mm	14" 350mm	15" <b>375mm</b>	16" 400mm	17" 425mm	18" <b>450mm</b>	19" 475mm	20" 500mm	21" 525mm	22" 550mm	24" 600mm
1	1	1	1	<b>1</b>	1	1	<b>1</b>	1	1	1	2	1	1	<b>1</b>	1	1	<b>1</b>	1	1	1	1	1	1
2	1	1	1	<b>1</b>	2	2	<b>2</b>	2	3	3	4	1	1	<b>1</b>	1	1	<b>1</b>	1	1	1	2	2	3
3	2	2	2	<b>2</b>	2	3	<b>3</b>	3	4	4	4	5	1	1	<b>1</b>	1	2	<b>2</b>	2	3	3	3	3
4	3	3	3	<b>3</b>	3	4	<b>4</b>	4	5	5	6	7	2	2	<b>2</b>	2	3	<b>3</b>	3	3	3	3	4
5	4	4	4	<b>4</b>	4	5	<b>5</b>	6	6	7	7	9	2	3	<b>3</b>	3	3	<b>3</b>	4	4	4	4	6
6	4	4	4	<b>4</b>	5	5	<b>6</b>	7	7	8	9	11	2	3	<b>3</b>	3	3	<b>4</b>	4	4	5	6	7
7	4	5	5	<b>6</b>	6	7	<b>7</b>	8	9	10	10	12	3	3	<b>3</b>	4	4	<b>4</b>	5	6	6	6	8
8	4	5	6	<b>6</b>	6	7	<b>8</b>	9	10	11	12	14	3	4	<b>4</b>	4	4	<b>5</b>	6	6	7	8	9
9	4	5	6	<b>7</b>	8	9	<b>10</b>	11	12	13	16	3	4	<b>4</b>	4	4	<b>5</b>	6	6	7	8	8	10
10	5	6	<b>7</b>	8	9	<b>10</b>	11	12	14	15	18	3	4	<b>4</b>	5	6	<b>6</b>	7	8	9	9	11	
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QAA Tree Handicap Scale																
Hardwood																
Book Mark	10" 250mm	11" 275mm	12" <b>300mm</b>	13" 325mm		Book Mark	10" 250mm	11" 275mm	12" <b>300mm</b>	13" 325mm		Book Mark	10" 250mm	11" 275mm	12" <b>300mm</b>	13" 325mm
3	2	3	<b>3</b>	3		49	40	44	<b>49</b>	56		95	78	86	<b>95</b>	109
4	3	4	<b>4</b>	5		50	41	45	<b>50</b>	58		96	79	86	<b>96</b>	110
5	4	5	<b>5</b>	6		51	42	46	<b>51</b>	59		97	80	87	<b>97</b>	112
6	5	5	<b>6</b>	7		52	43	47	<b>52</b>	60		98	80	88	<b>98</b>	113
7	6	6	<b>7</b>	8		53	43	48	<b>53</b>	61		99	81	89	<b>99</b>	114
8	7	7	<b>8</b>	9		54	44	49	<b>54</b>	62		100	82	90	<b>100</b>	115
9	7	8	<b>9</b>	10		55	45	50	<b>55</b>	63		101	83	91	<b>101</b>	116
10	8	9	<b>10</b>	12		56	46	50	<b>56</b>	64		102	84	92	<b>102</b>	117
11	9	10	<b>11</b>	13		57	47	51	<b>57</b>	66		103	84	93	<b>103</b>	118
12	10	11	<b>12</b>	14		58	48	52	<b>58</b>	67		104	85	94	<b>104</b>	120
13	11	12	<b>13</b>	15		59	48	53	<b>59</b>	68		105	86	95	<b>105</b>	121
14	11	13	<b>14</b>	16		60	49	54	<b>60</b>	69		106	87	95	<b>106</b>	122
15	12	14	<b>15</b>	17		61	50	55	<b>61</b>	70		107	88	96	<b>107</b>	123
16	<b>13</b>	<b>14</b>	<b>16</b>	<b>18</b>		62	<b>51</b>	56	<b>62</b>	<b>71</b>		108	89	97	<b>108</b>	<b>124</b>
17	14	15	<b>17</b>	20		63	52	57	<b>63</b>	72		109	89	98	<b>109</b>	125
18	15	16	<b>18</b>	21		64	52	58	<b>64</b>	74		110	90	99	<b>110</b>	127
19	16	17	<b>19</b>	22		65	53	59	<b>65</b>	75		111	91	100	<b>111</b>	128
20	16	18	<b>20</b>	23		66	54	59	<b>66</b>	76		112	92	101	<b>112</b>	129
21	17	19	<b>21</b>	24		67	55	60	<b>67</b>	77		113	93	102	<b>113</b>	130
22	18	20	<b>22</b>	25		68	56	61	<b>68</b>	78		114	93	103	<b>114</b>	131
23	19	21	<b>23</b>	26		69	57	62	<b>69</b>	79		115	94	104	<b>115</b>	132
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25	21	23	<b>25</b>	29		71	58	64	<b>71</b>	82		117	96	105	<b>117</b>	135
26	21	23	<b>26</b>	30		72	59	65	<b>72</b>	83		118	97	106	<b>118</b>	136
27	22	24	<b>27</b>	31		73	60	66	<b>73</b>	84		119	98	107	<b>119</b>	137
28	23	25	<b>28</b>	32		74	61	67	<b>74</b>	85		120	98	108	<b>120</b>	138
29	24	26	<b>29</b>	33		75	62	68	<b>75</b>	86		121	99	109	<b>121</b>	139
30	25	27	<b>30</b>	35		76	62	68	<b>76</b>	87		122	100	110	<b>122</b>	140
31	25	28	<b>31</b>	36		77	63	69	<b>77</b>	89		123	101	111	<b>123</b>	141
32	26	29	<b>32</b>	37		78	64	70	<b>78</b>	90		124	102	112	<b>124</b>	143
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34	28	31	<b>34</b>	39		80	66	72	<b>80</b>	92		126	103	113	<b>126</b>	145
35	29	32	<b>35</b>	40		81	66	73	<b>81</b>	93		127	104	114	<b>127</b>	146
36	30	32	<b>36</b>	41		82	67	74	<b>82</b>	94		128	105	115	<b>128</b>	147
37	30	33	<b>37</b>	43		83	68	75	<b>83</b>	95		129	106	116	<b>129</b>	148
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47	39	42	<b>47</b>	54		93	76	84	<b>93</b>	107		139	114	125	<b>139</b>	160
48	39	43	<b>48</b>	55		94	77	85	<b>94</b>	108		140	115	126	<b>140</b>	161

## **16 Man Elimination**

Rank	
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1st Cut	vs
16	<input type="text"/>
2	<input type="text"/>
2nd Cut	vs
15	<input type="text"/>
3	<input type="text"/>
3rd Cut	vs
14	<input type="text"/>
4	<input type="text"/>
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6	<input type="text"/>
6th Cut	vs
11	<input type="text"/>
7	<input type="text"/>
7th Cut	vs
10	<input type="text"/>
8	<input type="text"/>
8th Cut	vs
9	<input type="text"/>

## 16 Man Elimination



### 12 Man Elimination

