



# **SOUTH AFRICAN**

# **CHAIN SAW**

# **COMPETITIONS**

## **Rules & Regulations**

**Compiled by the South African Loggers  
Association (SALA) - 2012**



## **Chain Saw Speed Cutting Competition**

### **The Objective**

To cut three complete discs from a squared or round peeled log mounted horizontally on a trestle, in the shortest possible time.

### **Competition Procedure:**

The competitor will stand behind the log and on the right-hand-side of the trestle. The chain saw is placed at the competitor's feet and it is not running. Both hands are placed on top of the log, touching a starting line drawn horizontally in the center of the log.

The wood will be marked with a line drawn around the entire block, 200mm in from the end of the block. The competitor will complete his three cuts in the prescribed area.

If the line is completely severed or the competitor cuts on the other side of the line the competitor is disqualified.

All discs must be complete, or the contestant will be disqualified.

There will be three (3) timekeepers per competitor and the average time will apply. At the sound of the starter pistol the timekeepers will start the stopwatches. The competitor must then start the chain saw and cut three complete discs in any sequence.

The stands / trestles will be numbered and competitors will draw for which stand and piece of timber is used. (This is to stop timber and money wastage) the timber will be of best possible quality with trimming allowed within reason.

### **Entry requirements**

Only pre entry will be considered, no on the day entries. All entry fees need to be deposited into the SALA bank account at least ten (10) days prior to the event taking place with the deposit slip faxed to SALA. Competitor cards will be issued on race day to validate entry. Entry per event will be R100.00 and R150.00 if the competitor wishes to compete in the carving section as well as racing.

## **Classes and Rules for each class:**

There are three classes that consist of:

1. **Standard class (novices) – Maximum 73cc**
  - Saws of any make up to and including 73cc.
  - Saw must be a production saw readily available on the South African market.
  - No modifications allowed.
  - All covers must be standard and in place.
  - Air filter must be in place and unmodified.
  - Standard exhaust unmodified.
  - Original OEM Replacement parts allowed as per parts list for that model only.
  - No part of the saw may be modified in any way - no grinding, or filing of any part - it must be factory standard as per parts list for that model saw.
  - Carburetor - no filing, smoothing, or removing of burrs, choke should be in place and operational, jets should be standard as per parts list, throttle screws may not be filed or shortened - it must be factory standard as per parts list for that model saw, must be OEM.
  - Barrel - no grinding, smoothing, or removing burrs - it must be factory standard as per parts list for that model saw, must be OEM.
  - Piston - no grinding, smoothing, or removing burrs, no lightening, and both rings (if equipped with 2) should be in place - it must be factory standard as per parts list for that model saw, must be OEM.
  - Crank and connecting rod - no grinding, smoothing, or removing burrs, no lightening - it must be factory standard as per parts list for that model saw, must be OEM.
  - Chain - any chain is allowed, but must be sharpened using a round file or grinder - no form of square filing is to be used, no modification other than sharpening and depth gauge is allowed to the chain, no grinding or smoothing, no lightening, no thinning and no doggy-boning allowed - no modification to the chain chassis or links is allowed, no modification to the side, back or underside of the tooth is allowed.
  - Sprockets - only OEM sprockets of size 7 and 8 tooth is allowed.
  - Spike bars/Felling spikes may be removed.
  - Spark arrester screens may be removed from the exhaust.
  - The timber size will be approx. 25cm squared or 25cm round peeled and timber species may vary depending on availability.
  - All competitors that win a place in the finals may have their chain saws opened and checked for any modifications by a team of experts, if requested.
  - All competitors supplied the same fuel mix. There will be an allowance of 5 minutes given per chain saw for carburetor adjustments after refueling
  - Novice racers may not compete in Pro Classes.

## 2. Pro Standard Class – Maximum 73cc

- Saws of any make up to and including 73cc.
- Saw must be a production saw readily available on the South African market.
- No modifications allowed.
- All covers must be standard and in place.
- Air filter must be in place and unmodified.
- Standard exhaust unmodified.
- Original OEM Replacement parts allowed as per parts list for that model only.
- No part of the saw may be modified in any way - no grinding, or filing of any part - it must be factory standard as per parts list for that model saw.
- Carburetor - no filing, smoothing, or removing of burrs, choke should be in place and operational, jets should be standard as per parts list, throttle screws may not be filed or shortened - it must be factory standard as per parts list for that model saw, must be OEM.
- Barrel - no grinding, smoothing, or removing burrs - it must be factory standard as per parts list for that model saw, must be OEM.
- Piston - no grinding, smoothing, or removing burrs, no lightening, and both rings (if equipped with 2) should be in place - it must be factory standard as per parts list for that model saw, must be OEM.
- Crank and connecting rod - no grinding, smoothing, or removing burrs, no lightening - it must be factory standard as per parts list for that model saw, must be OEM.
- Chain - any chain is allowed, but must be sharpened using a round file or grinder - no form of square filing is to be used, no modification other than sharpening and depth gauge is allowed to the chain, no grinding or smoothing, no lightening, no thinning and no doggy-boning allowed - no modification to the chain chassis or links is allowed, no modification to the side, back or underside of the tooth is allowed.
- Sprockets - only OEM sprockets of size 7 and 8 tooth is allowed.
- Spike bars/Felling spikes may be removed.
- Spark arrester screens may be removed from the exhaust.
- The timber size will be approx. 25cm squared or 25cm round peeled and timber species may vary depending on availability.
- All competitors that win a place in the finals may have their chain saws opened and checked for any modifications by a team of experts, if requested.
- All competitors supplied the same fuel mix. There will be an allowance of 5 minutes given per chain saw for carburetor adjustments after refueling

### **3. Pro Small Modified Class – Maximum 73cc**

- The base unit of these modified saws must resemble a production chain saw and must not exceed an engine displacement of 73cc.
- The timber size will be approx. 25cm squared or 25cm round peeled and timber species may vary depending on availability.
- All competitors that win a place in the finals may have their chain saws opened and checked for the 73cc limit.

### **4. Pro Open Modified class – any capacity**

- The base unit of these modified saws must resemble a production chain saw and can be any engine displacement.
- The timber size will be approx. 25cm squared or 25cm round peeled and timber species may vary depending on availability.

### **5. Ladies standard class**

- All rules from the pro-standard class apply.

### **6. Ladies small modified**

- All rules from pro-small modified class apply.

## **General**

- Abort start - Each competitor will be allowed one abort start only, per class. The chain saw chain must not touch the log in order to validate this.
- Jump-start - Only the starter or marshals will determine a premature start or “jump-start”. If a competitor realizes a jump-start and no wood contact has been made, an abort start will apply. If wood contact is made, the competitor will be disqualified for that event.
- Cut out – Each competitor is required to cut three (3) full discs. Each disc must fall to the ground individually and must be complete. Failure to do so will result in disqualification.
- General working safety rules will apply at all times i.e. Correct starting procedures, no moving of feet while the chain is running, etc. Should the competitor be found not using general working safety rules, a warning will be given (for the first offence) and thereafter a 1 sec penalty will be added to that competitor’s closest next event.
- Correct P.P.E. is to be worn at all times with the exception of the right hand glove, which is optional. Competitors may choose to wear eye and ear protection instead of a helmet, if desired.
- Three competitors are allowed to race per saw in all classes.
- Each competitor may have their own guide bar and chain per class.
- An allowance of 5 minutes will be given per competitor for minor repairs or adjustments before the race, if required. If more than one competitor is using the same chain saw then this time can be used to change cutting equipment.
- A competitor may only race once in each class.
- The size and species of timber may vary depending on availability however all competitors will use the same size and species on the race day.
- Only hand starting of the chain saw is permitted. No kick-starts, electric starts, etc, allowed.
- The top eight competitors per class will progress to the finals.
- Further rules and clarification will be explained at the pre-competition meeting.

## **Chain Saw Log Carving Competition**

### **The Objective:**

To carve an identifiable object of choice from supplied logs using prescribed equipment, in one hour.

### **Equipment:**

Competitors must supply all their own equipment. This equipment may include:

- Two to three standard chain saws of your choice with basic repair / maintenance tools
- One axe / hatchet
- One felling lever
- Fuel and chain oil

### **General**

- Competitors must wear full P.P.E. during this event.
- Competitors will have one (1) hour to complete the task
- All competitors must work only when in the demarcated safety area and general working safety rules will apply at all times i.e. correct starting procedures, no moving of feet while the chain is running, etc.
- All competitors will have logs of the same species and of similar size, supplied on the event day.
- Non- alcoholic refreshments may be taken into the working area.
- No third party assistance, in any form, will be permitted. Marshals may be called upon to help lift or roll logs. No outside parties.
- No templates, models or pictures of any form may be used. No marking of the logs.

### **Judging**

- The judge's decision is final.
- The judges will evaluate each competitor on the safe use of the chain saw and their chain saw skills, during the event.
- The final appearance regarding neatness, finishing off and originality of the creation will be the final judging element.
- Contestants must show due respect & consideration for the other competitors.
- The completed "creation" may remain the property of the organization or sponsor, if requested.

### **Competitor Clothing**

- Manufacturers are to supply competitor shirts as per S.A.L.A guidelines please see attached.
- Novices will be supplied a generic shirt from which ever manufacturer they are representing for that day.
- Ladies will race in a pink shirt with S.A.L.A sponsors represented on the shirt as well as the manufacturer being raced under.
- In the case of a dealer racing under a manufacturer the dealers name can be put on the shirt IE Joe Bloggs  
STIHL/Husqvarna/Dolmar/Solo, etc.

### **Racing titles**

- There will be a National Champion title awarded at the National Speed Cutting Championships held at the Royal Show in May/June every year. The competition will be adjudicated from the qualifying and final positions using a points system from 3 events namely Royal Show, previous year & Woodex or Sabie Forest Fair

### **Qualifying Points**

<b>Position</b>	<b>1<sup>st</sup></b>	<b>2<sup>nd</sup></b>	<b>3<sup>rd</sup></b>	<b>4<sup>th</sup></b>	<b>5<sup>th</sup></b>	<b>6<sup>th</sup></b>	<b>7<sup>th</sup></b>	<b>8<sup>th</sup></b>
<b>Qualifying</b>	15	12	10	9	8	7	6	5
<b>Finals</b>	10	8	6	5	4	3	2	1

- There will be prizes and awards for each class as per previous races at all racing events.