2018-19 Salem Indoor Cage Kart Times, Fee's, Format, and Rules

2330 17th St NE

Track Gate Entrance at Silverton Rd NE and Lana Ave NE Intersection

Located in the Forrester Livestock Pavilion

Oregon State Fairgrounds, Salem Oregon

Jason 503.931.1318

Intent: It is the intention of this rule package to provide a clear and comprehensive explanation of what the class requirements and race procedures consist of. These rules will not be changed for 1 year unless to address a safety concern. If intent of a rule is in question the Race Director will make the final decision. All speedways, and big cars will abide by all track rules listed here.

RACE CEIVERS ARE MANDATORY FOR ALL CLASSES EXCEPT BEGINNER BOX CLASSES, ¼ MIDGETS, AND JR classes (Jr Sprints excluded. Race Ceivers are to be in at all times when on track, this includes mud packing and hot laps, heats qualifying and mains. Race Ceiver Channel will be Default 454.000. It is your responsibility to make sure your race ceiver is in full functioning condition prior to entering track surface. Failure to wear or correctly use race ceiver may be a DQ

Salem Indoor 2 day Kart Classes

- Beginner Box Subaru
- Beginner Box Non-Subaru
- BoxStock (LO206&Sealed Subaru)
- 5hp Open
- 125 Cage
- 250 Cage
- 500 Cage
- 500 cage SPORTSMAN (30+)
- Wingless Micro Restricted & Open
- Dwarf
- Midget
- Pro4s
- PMSA
- ¼ Midget

Salem Indoor 1 day Kart Classes:

- Kid Kart
- Jr 1- 2&4 Cycle
- Jr 2- 2&4 Cycle
- Jr U.A.S
- LO206 Light (#330)
- LO206 Heavy (#370)
- KT100 Light (#330)
- KT100 Heavy(#380)
- SuperSport
- Fart Kart
- KT100 Light OPEN
- KT100 Heavy OPEN
- U.A.S

ALL TIMES ARE TENTATIVE UNTIL WE RECEIVE OUR NOISE PERMIT

FRIDAY's

•	Gates of	pen	.4:00pr	m
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- PLEASE DO NOT USE OTHER GATES TO ENTER
- Open Practice (All Classes)......6:00-9:00pm

SATURDAY's

- Gates open.....8:00am
- Registration......8:30 –10:00am
- Day Show Drivers meeting......10:30am
- Hot laps:.....11am
- Night Show Drivers Meeting 4:45pm
- Sign ins from 3-4:15pm
- SHOW MUST END AT 9:59pm
- LIGHTS OUT 10:30PM

SUNDAY's

- Gates open.....8:00am
- Registration.....8:30-10am
- Drivers Meeting.....10:30am
- Hot laps.....11am
- Heats
- Mains
- SHOW MUST END AT 5:59 pm

FEES

- Entry Fee___for Money Classes/\$_____ for Trophy Classes
- Late Registration Fee......\$10, (see registration times above)
- Friday Practice.....\$30
- Camping fee.....\$20 per night
- RESERVED Season pit spots are available please contact race director

Heats (ALL HEATS ARE 8 LAPS)

- 1st Round of Heats will be straight up by COMPUTER PILL DRAW, Low pill has Pole Position.
- 2nd Round of Heats will invert line-up from 1st Heats

Mains (ALL MAINS ARE 20 LAPS (10 Laps for Beginner Box classes, ¼ Midgets and Jr Classes in the Speedway division) AND SUBJECT TO TRACK CURFEW.

Race Procedures

Track Officials

• No Driver, Crew Member, Parent, Spectator or other person not designated as a Track Official will NOT approach the Flag stand or Scoring Tower for ANY reason unless asked and accompanied by the Track Race Director. Penalty for violation of above is a Black Flag for the violators team for the next track session and/or a \$25 fine, and doubles for every offense.. Unsportsmanlike conduct towards any Track/Event official will also be grounds to implement above-mentioned penalty or penalty as track officials see fit.

Refunds

 Once Kart has entered the track surface there will be no refunds of entry fee, pit pass, or camping fee.

Quads and ORV's

All owners and riders of quads/atv's will abide by State laws governing their operation. Special attention and enforcement will be applied to the requirements listed under the headings of; "Rider Fit", "Helmet Requirements", and "Youth Supervision". Salem Indoor Speedway is located inside an Oregon State Park; more detail of these laws can be found at http://www.oregon.gov/oprd/atv/Pages/qa.aspx. Under the age of 16 must wear a helmet.

Prior to Race

- **Each Driver** will be given 2 attempts to start their engine; the 1st attempt is coming out of staging and entering the race surface, the 2nd attempt is prior to the one lap to green signal has been given. If a kart stalls after the one lap to green signal is given, the Yellow Flag/Light will be shown and the stalled kart(s) will be charged with a yellow and sent to the back of the field..
- **All karts** must grid up in a timely manner; there are no hot lap sessions prior to the start of the heats and/or mains, unless the head flagger deems there is time... Be prepared to listen to instructions broadcasted over the Raceceiver system.

- **Drivers are expected** to know where they need to be lined up prior to entering the racing surface. Race lineups will be communicated using Raceceivers as needed for BoxStock, 125, 250, and 500 Cage classes. Drivers are expected to be in their Karts helmets on buckled in ready to go with your group. If we are pushed for time and your not ready we will start the race without you.
- **Raceceivers** are mandatory in all classes, except beginner box, and ¼ midgets, and Jr classes of the Speedway division... Failure to wear a complete working Raceceiver assembly when on the track will result in a DQ and last place points. Default channel 454.000 Race Ceivers are to be worn any time you are on the track, this includes Wheel Pack or Hotlaps......

Initial Starts/Complete Re-Start (Prior to 1 lap being scored)

- **All Initial starts/re-starts** will be "in the box" (designated by 2 lines approx. 25' apart) in or about turn 4. Karts will remain side-by-side nose to tail until the Race has started.
 - At any point in the box the pole setter can Start the Race. Once the Pole Setter has started the race, the Flagman will throw the Green Flag/Light, indicating a fair start has occurred, or the Flagman will throw the Yellow Flag/Light indicating a False Start and the need for a complete re-start. Karts on the front row that cause a false start shall get one more chance (2 chances only) to start, if the second start is false the front row will fall back one row for subsequent starts. In the event of 2 failed attempts by the front row to start, the Second Row will get one double file chance to start the race, if they have a (1) false start, the entire field will line-up single file for the start.
- It is the **pole position drivers** choice of pace within reason and driving line during starts/re-starts. The remainder of the field needs to pay close attention to pole Drivers choices.
- Any Driver(s) from the second row back, observed by Race Officials passing before
 the green will result in a penalty of being docked 2 spots per position gained, which
 will occur on the next yellow flag, and or at completion of race.
- On California restarts or single files restarts, all karts are to be nose to tail. If you are past the kart in front of you; you may be charged with a bad start.
- **If a wreck occurs** during the initial attempts to start, this will result in a COMPLETE restart. Those Karts involved in the wreck may be charged with a yellow and be placed in the back of the line-up.

• All Beginner Box Classes, BoxStock, and 5hp Open will have 2 attempts at a double file Start. If, the second attempt to start is waved off, the field will line up for a single file start. All subsequent re-starts are single file.

SINGLE FILE/CALIFORNIA RE-STARTS (After 1 Lap is Scored)

- All restarts will be **California** Restart except for trophy classes. California Restarts will be attempted 3 times before going to a single file restart.
- In this formation, The leader is alone in the front. 2nd place than chooses High or Low. If 2nd place does not pick his position in a reasonable amount of time, the head flagger will call for third place to pick his spot. All others fall in order. 4th in side 5th outside and so on. All Karts from 2nd place back must remain side by side, nose to tail, completely behind the rear bumper of the leader(Not the rear axle) The Leader must be able to move up or down without contact. If theres contact than you were not behind his rear bumper and you may be charged with a caution for a false start.
- **SINGLE FILE Restart:** all karts must remain in a single file line nose to tail, completely behind the kart in front of you. The pole kart starts the race "in the box", and the Green Flag/Light has been shown signaling a fair start. Once the Green Flag/Light is shown, passing is allowed regardless of running position.

Yellow Flag/Lights (2 Yellow Rule for heats and Mains)

- **We DO NOT** race to the Yellow Flag/Light; HOWEVER, After a White Flag has been displayed and If in the Flagman's judgment it is dangerous to do so, the yellow or Red Flag/Light will be shown and when the race is re-started, in single file, karts will finish with a Green White Checkered. This will occur no more than 3 times before finishing a race with the yellow Checkered.
- Once the one lap to green signal has been displayed and until the Checker Flag is shown, all karts that come to a stop, for any reason, will be placed in the back of the Field. If it is ruled you stopped to avoid, you will still be placed in the back, but not charged with the caution.
- THERE IS TO BE **NO** PASSING UNDER YELLOW. If observed passing under yellow you will be placed in the rear of the pack.

- **Upon receiving** their 2nd yellow in a heat or 2nd yellow in a main, drivers will be shown the black flag and scored in the order they leave the race. If a driver refuses to leave the track we will go to a red flag, and that driver may be fined or suspended for the rest of the days events. Continual infractions will increase the penalty
- **Contact** with another kart under yellow can result in a black flag.
- **Drivers do not get out of your kart on the track AT ANYTIME:** unless told by track official to do so or imminent danger such as fire, this includes the infield. Crew, Family and spectators are not allowed to enter the track during a yellow unless told to do so by track officials. Penalty for this infraction shall be immediate disqualification from the day's event and a two (2) race suspension for everyone involved, and a fine.

BLACK FLAGS

- **ROLLED UP POINTED BLACK**: Shown for questionable move, contact, or aggressive and/or careless driving. (DRIVERS ONLY WARNING)
- WAVING BLACK: Driver Must leave the track!!! Shown when blatant contact, aggressive driving style or unsportsmanlike conduct by Driver or Crew is observed or has escalated beyond a warning. Drivers need to also consider that they may have received the black flag for mechanical issues and proceed cautiously to their pit spot.
- **If a driver receives**, a black flag due to rough driving or bad conduct. That driver will be disqualified from that race and receive 0 points!
- Also Drivers may receive a black flag for their crews actions or Behaviors
- When receiving the Black Flag please leave immediately. Refusing to leave ruins it for others and may get you a fine or suspension.

RED FLAG/LIGHTS

• Upon the Red Flag/Light being displayed all karts must stop in a quick yet safe manner on the INSIDE line of the racing surface, AWAY from the wreck. Once kart(s) have stopped, engines must be turned OFF!! NO CREW MEMBERS, FAMILY OR SPECTATORS ARE ALLOWED NEAR STOPPED KARTS WITHOUT TRACK OFFICIALS PERMISSION. Anyone entering the track without a officials permission will have their kart black flagged, even if you do not go to your kart.

- **PARENTS:** If your child is involved in a Red Flag/Light incident, approach the Hot Grid Steward or Race Director and they will get you on the track, to your child as soon as it is safe to do so. DO NOT run out onto the track without permission, this is for your safety. **Your child does not need you to be injured along side them.**
- **All karts** that came to a stop resulting in the Red Flag/Light being displayed will be sent to the back of the field for the next start of the race and charged with a yellow flag.

Technical Inspection

- All Karts MUST Scale after Qualifying, Heats and all Mains; Failure to scale is automatic DQ for that session. Driver must exit track and proceed directly to scales.
- It is the drivers responsibility to make sure they are weighed. If for some reason the scale person is not present you are to remain at the scale until told different. Scale instructions will be called out on the race ceiver following the checkered flag.
- Engine tech can happen at any race un-announced, and to any kart randomly.
- **Items subject to technical inspection** on a regular basis are; Weight, RR Tire, Raceceiver, and Lead/Weight mounting method, flywheel, keys, seals.
- **Failure to submit items** requested by tech director will result in immediate DQ.
- One Representative for each Kart allowed in Tech Impound.
- The Track Tech Directors **Decisions are final** and not subject to protest.
- Any motor may be subject to confiscation by Salem Indoor for further inspection. At this
 point any motor found illegal the owner is responsible for entire bill of inspection and all
 freight charges. If motor is deemed legal Salem Indoor will cover the cost. Refusal to turn
 over a motor or other said item will result in a immediate DQ, and suspension to further
 events

Engine Rules

Salem Indoor 5hp Rules 2018-19

The rules below will be in effect for the Salem Indoor Season 2018-19. EFFECTIVE NOVEMBER 2019 LO206 will be the new BoxStock, All Subarus will remain Sealed and in the 5hp Open Class. More details to come

5hp Engine Base Package Definition: Any single cylinder, 4-cycle, industrial based engine not exceeding 212cc. Subject to change for the 2019-20 season. Exception to this definition is the Sealed Subaru Engine.

Age: Beginner Box, BoxStock and Open 5hp. Ages will be as listed below, with one exception. Parents of a driver may Petition Race Officials for an age waiver to move up one class when the following conditions are met:

- 1. Beginner Box Driver is at least 6 years old.
- 2. Three Track Officials sign-off on the requested waiver.
- 3. Upon successfully completing three race weekends in the new class, age waiver shall become permanent. Track Officials will determine "successfully completing".
- 4. Season points from class driver is transferring out of are not transferable. Driver will start new class with 0 points.

BEGINNER BOX Subaru: Age 5-8 years old

- No Season Points will be awarded in this class. This is a fun training class. All Drivers will receive participation trophies at each race.
- Sealed Subaru EX27 motor must run an unaltered Silver Factory restrictor plate.
- Must have stock timing. No Key or Keyway Modifications.
- Factory spec valve springs only.
- May not alter air box.
- May not remove, alter or leave off air filter, this includes filter foam.
- May not drill-out or alter jets.
- May not modify or alter header or install EGT sensor into header.

- Muffler may not be altered.
- No valve spring shims or altering of valve springs in any way.
- No altering stock flywheel.
- No carburetor or restrictor air leaks.
- All fuel filters must have one inlet and one outlet. Any and all breathers must be bypassed by a "Tee" back to the fuel tank.
- The only motor adjustments are spark plug or valve lash.
- Muffler Mandatory, must meet Salem noise ordinance.
- Fuel: pump or, race gas.
- A safety Kill switch within drivers reach and accessible by Track officials

BEGINNER BOX Non-Subaru: Age 5-8 years old

- No Season Points will be awarded in this class. This is a fun training class. All Drivers will receive participation trophies at each race.
- Harbor Freight Out of the Box STOCK Predator motor ONLY
- Restrictor Plates: Green .425
- No Engine Modifications period !!!!!
- All keys must be stock and in stock position, and unaltered
- Fuel: pump fuel only
- Muffler Mandatory, must meet Salem noise ordinance.
- Must run a 12tooth front Drum Clutch, with either a 69 or 70 rear gear.
- A safety Switch within drivers reach and accessible by track officials

BoxStock Subaru: Age 7-13

(Effective October 2019 Subarus will remain sealed but only allowed in the 5hp open, Boxstock will be a LO206 motor Only)

- Minimum weight kart and driver is 270#.
- All karts running this class must have a sealed Subaru EX27 motor
- Must run stock ignition timing.
- No Key or Keyway Modifications.
- Factory spec valve springs only, no shims.
- Carburetor bore maximum 1.029 (will be checked with no-go gauge, gauge cannot touch slide).
- No altering of flywheel.
- No altering of header or muffler.
- No altering of intake manifold, but manifold extensions are allowed. Extensions may not protrude more than 1/4" into manifold.
- Pump or race gas only.
- Muffler Mandatory, must meet Salem noise ordinance.
- Any changes made must be authorized by promoter

- Race Ceivers Mandatory
- A safety Kill Switch within drivers reach and accessible by track officials

BoxStock Non-Subaru: Age 7-13 (Will be classed with Box Stock Subaru's)

- Minimum weight kart and driver is 270#.
- Briggs and Stratton Sealed LO206 ONLY
- Pump or race gas only.
- Can run any plug
- All other rules are based off B&S LO206 Senior Package.
- Muffler Mandatory, must meet Salem noise ordinance.
- Race Ceivers Mandatory
- A safety Kill Switch within reach of the Driver and accessible by track officials

Open 5hp: 8-13 years old

Weight 270#, Any single cylinder, 4-cycle, industrial based engine. Must be a 212cc block. OPEN CLASS, muffler mandatory, race ceivers mandatory. Subarus are to remain sealed. Must still run sealed Subaru rules.

A safety Kill switch must be installed within the drivers reach, and accessible by Track officials

125, 250, and 500 Cage Rules

125cc Cage Kart: Age 10-16

- Must run motocross/ATV single cylinder type engine (internal modifications OK)
- Must have stock stroke rod and crank.
- 125 maximum cc's, maximum overbore to 135cc.
- 135cc cannot be achieved by adjusting stroke.
- Aftermarket ignition OK.
- Silencer with packing is mandatory, must meet Salem noise ordinance.
- Minimum weight for kart and driver combined is 350lbs.
- Must run a 5, 50, or 55 on the right rear stamped on sidewall, with 6" Maximum Diameter Wheel. Treads or slicks, manufacturer is Open.
- Race Ceiver Mandatory

250cc 2 and 4 cycle: Age 10 and older

- 250 maximum cc's
- Must run a stock case and cylinder.
- Internal modifications OK.
- Aftermarket ignition OK.
- Silencer with packing is mandatory, must meet Salem noise ordinance.
- Minimum weight for kart and driver combined is 370lbs. This will be assessed after the 1st race of each year
- Must run motocross/ATV single cylinder type engine (internal modifications OK).
- Tires: Must run a 5, 50, or 55 on the right rear stamped on sidewall, with 6" Maximum Diameter Wheel. Treads or slicks, manufacturer is Open.
- Race Ceiver Mandatory

Open 500 Cage: Age 14 and older

- All 450 4 stroke Karts will run this class.
- Must run motocross/ATV single cylinder type engine (internal modifications OK).
- Silencer with packing is mandatory, must meet Salem noise ordinance.
- Minimum weight for kart and driver is 430 lbs.
- Tires: Must run a 5, 50, or 55 on the right rear stamped on sidewall, with 6" Maximum Diameter Wheel. Treads or slicks, manufacturer is Open.
- Race Ceiver Mandatory
- Any 250cc wishing to run with opens MUST PRESCALE and make weight of #430

Sportsman Open 500:

All above rules for open cage apply. Minimum age 30 no exceptions, Minimum weight 475 pounds drivers and kart

Fuel: 125, 250, and 500's must run race gas or pump gas, no methanol.

Safety Rules All Karts

All drivers <u>must have Snell 2005</u>, or newer helmet, neck brace, arm restraints, gloves, long sleeves & pants. Shoes must cover ankles. Snell rating is found inside helmet on tag/sticker under foam padding. Arm restraints MUST keep drivers hands inside the kart at all times. If arms can reach outside the cage, you are not in compliance.

YOU ARE RESPONSIBLE FOR THE SAFETY OF YOU AND YOUR KART.

All karts must start race with wings, hoods, and tails. No nose wings!

- 1. *Brakes* must be in good working condition at all times. No nylock nuts will be allowed on brake rotor, metal crush nuts only or nut and tie wire. All brake rotor bolts will be crush nutted or drilled, nutted and tie-wired. All pin or bolt connection points in brake system from brake pedal back to brake caliper will be lock nuts, safety clipped or tie-wired.
- 2. *Steering system* must be in good working condition at all times. All steering system components will be nylocked, machined to accept clips or drilled for tie-wire. Front spindles will be nylocked, machined to accept clips or drilled for tie-wire.
- 3. All karts must be equipped with a *restraint system*, seat belts and shoulder harnesses, in good working order. Shoulder harnesses must be mounted in a way to restrict forward body motion independently of seat. Lap seat belts should be mounted on bar that does not come in contact with the ground. Cut or frayed seat belts will not be allowed. This entire rule will be strongly enforced. (Arm restraints are required and must be connected to the driver's forearms).
- 4. Approved *neck braces* or Head and Neck restraints are mandatory.

5. Helmets:

- a. Snell approved only (Mandatory Snell 2005 or newer). Snell rating is found inside helmet on tag/sticker under foam padding.
- b. Must fit driver's head.
- c. Full face helmets only, motocross style helmets will also be required to use motocross style googles.
- 6. *Aluminum high back seats* are MANDATORY. The top of the seat should be at the middle of the driver's head or higher.
 - a. Securely mounted to the frame.
 - b. No excessive mounting holes.
- 7. All drivers must maintain a working *fire extinguisher* capable of extinguishing fuel and oil fires in their pit area.
- 8. All karts should have a min. 6" nylon *zip tie* and/or Kill Switch attached to spark plug wire in such fashion that track officials can grab and pull wire from spark plug quickly.
- 9. Driving apparel: Racing suits highly recommended. No shorts, sleeveless shirts or cutoff

pants. Shoes must cover ankles.

- 10. Down tube chassis' must attach down tube to main chassis by use of slider.
- 11. Driver's body must be completely inside roll cage. *Roll cage* height minimum of 2" clearance above driver's head. *Fuel line* location cannot be closer than 2" to any of the exhaust system at any time and shall not be above the exhaust. If closer than 2", fuel line must be insulated with a fireproof housing. Fuel line must have ample slack for cage movement. Must be petroleum grade fuel line.
- 12. *Suicide doors*: No suicide bars. Side bar must open from the rear. Left side protection is recommended.
- 13. No *axle protrusion* beyond wheel rim.
- 14. *Smoking* in pit building or track building is prohibited by State Law.
- 15. During Red or Yellow Flag/Light, WORK ON KARTS ON RACE TRACK IS PROHIBITED.
- 16. **SPEEDING** IN THE PIT AREA with karts or quads will result in a loss of points or other sanctions as seen fit by Race Officials.
- 17. Any Race Official is permitted to remove kart(s) from racetrack due to *unsafe conditions* to driver and/or other karts.
- 18. Track Officials' decisions are final.
- 19. *Chain guards* are mandatory, appropriately designed to prevent injury to drivers arm. If in doubt, see safety tech.
- 20. All *lead weights* must be bolted on, painted white, fluorescent green or orange, with the Kart number written on each weight. Weights will be fastened to kart seat or chassis using a bolt(s) strong enough to safely hold weight. Each bolt will be double nutted with nylock nuts. 1 nylock nut may be used if bolt is drilled and stainless steel safety wire is installed. Fender washers of adequate size will be used to prevent bolt from pulling through mounting surface. Kart(s) losing weight(s) on race track will be subject to penalties including suspension.

- 21. WORK AREA: At this Time There will be no Work Area for 2018-2019 season as many drivers have expressed concerns on the time it eats up. Your Karts should be in running order when getting to the track. If you have failure please exit the track on turn 3 and if you can get it running and want to re enter entrance worker will allow so on next yellow. DO NOT RE ENTER UNDER GREEN
- 22. TRACK EXIT: Exit is just that. Do not enter the track at any time through the exit. This is reserved for staff and emergency personnel. Do not stand in the track entrance. All spectators, pit crews, friends and family are to remain behind all gates or painted lines at all times. Failure to do so will result in a DO for that session.
- 23. NUMBERS: Effective 4/1/18 all Karts, Cars must display their number on the top of the wing or the top of the nose cone and numbers must be facing the outside of the track for scorers to read. All numbers must be minimum 18" and of contrasting colors. If a scorer can not read your number, or you have no number you may go unscored, plain and simple. Scorer has final say, and Race Director will back up the scorer.

Fines And Penalties:

Placing hands on any staff member:

 $Immediate \ Suspension \ for \ you \ and \ the \ team \ your \ representing, \ along \ with \ \$1000 \ fine, \ and \ or \ criminal \ charges......$

Entering track service at any time without permission:

Loss of points and position for that days events, and/or fine up to a suspension

Loss of Weight on track:

DQ from that race loss of finishing position or points..

Keyboard Cowboys/cowgirls:

We have seen way to many tracks shut down this past year and/or receive bad social media bashing. This is not needed, tracks are here for your fun. We are all human and will make mistakes, just as you drivers might make mistakes in the pits or on the track. Bashing any track, or any official WILL NOT BE TOLERATED. You the driver are responsible for all your friends, family and pit crew. I suggest if you see a posting that is bashing..... you get it removed immediately..... We should feel very luck to have a track. There are plenty of other people waiting in line for these buildings.

Entering another Racers Pits: When and if you enter another persons pits, you are entering there space. Salem Indoor highly discourages entering another racers pits, but you enter at your own risk. Entering their pit is like entering their home. Salem Speedway has the right to ask you to leave, face a suspension, and/or fine.

Approaching and entering Flag Stand, or Scoring Tower during Race Event:

Is not and will not be tolerated. Any Driver or and drivers family, or pit crew that break this might as well help your driver in loading up. You will be asked to leave and may return the following day. 2nd offense \$100 fine, and suspension of the remainder of that event. Continuous offenses will increase by \$100 increments and may lead up to a full season suspension.

2018-19 Salem Indoor General Rules