

KWRC Humberstone Rallycross #1 2019 Supplementary Regulations

Supplementary Regulations

KWRC Rallycross

Port Colborne, Humberstone Speedway, February 9th, 2019



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Name of Event

2019 KWRC Humberstone RallyCross #1

Organizing Committee

Organizing Club	Kitchener Waterloo Rally Club
Organizer	Matt Tregunno
Registrar	Martin Loveridge mailto:martinl@htl.net
Scoring	Darin Mayes
Competitor Relations Officer (CRO)	Martin Loveridge
Clerk of the Course	Greg Niemiakowski

Jurisdiction

Rallycrosses are held under the 2019 Rallycross Rules and Regulations (RCRRs) and National Rally Regulation (NRRs) of the Canadian Association of Rallysport (CARS) and any subsequent bulletins. These [rules](#) are available through the CARS website www.carsrally.ca

Location

Rallycross headquarters will be located within Humberstone Speedway. Address as follows:

1716 Main St E,
Port Colborne, ON
L3K 5V3
<https://goo.gl/maps/LLbx6CZcJbv>
GPS 42.898846, -79.200793

Any changes to location will be announced through the event's web page and to the registered entrants of the event.

Permits and permissions will be obtained. At no time during the event will a competing vehicle use public roads. Organizers ask that vehicles coming to or leaving the venue at any time be driven in a responsible manner. Practicing on public roads or any violations of the CARS Code of Conduct **will not be tolerated**. Penalties could be applied against offenders regarding entry in all CARS sanctioned events. The organizers also reserve the right to expel any offenders from the event.

Competition Area

All lands inside the track fence shall be considered competition area.

Spectators are to only use the fenced grandstand area.

The course shall be marked with caution tape, pylons, arrows, tires, barrels or hay bales as required.

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Schedule

Jan 7, 2019	Online Registration Opens
Feb. 8, 2019	Online Registration Closes
Saturday, February 9, 2019	
09h00-09h30	Technical Inspection
09h00	Event Registration Opens, Parking Lot
09h30	Event Registration Closes, Parking Lot
09h30	Competitors Meeting, Parking Lot
After Meeting	Parade Lap
	SS1 to start Directly after Parade Lap
Approx. 12h30	Lunch after SS3
Approx. 15h30, After last stage	Event Awards

Rallycross Classes

2wd	Any two-wheel drive passenger car
4wdN	Any Naturally Aspirated four-wheel drive passenger car
4wdF	Any Forced Induction four-wheel drive passenger car

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A vehicle may be shared by a maximum of three competitors each with their own entry.

If you want to share a car on one entry fee you can, but all the runs will be scored under one name and you sort out who was in the car on each run. We will need a completed entry form from each person sharing the car. If you want to share an entry, contact martinl@htl.net ahead of time. All persons entering the competition area must sign a waiver.

SUVs and pickup trucks with a high centre of gravity will not be eligible to compete in this event.

Organizers may grant permission for competitors to change vehicles between runs provided this does not reflect a change in class.

Entry

Pre Registration will be done via MotorSportReg.com (MSR). If you are unable to complete the registration on MSR send email to martinl@htl.net and we can enter the data for you.

A maximum of **35** entries will be allowed, after that a wait list will be formed. Preference will be given to members of CARS affiliated clubs entered before Sept. 15. After that date entries will be in order of receipt. We will have a wait list after 35cars have registered.

Fees:

Competitor	Fee	Registration and Payment
KWRC member	\$85.00	Credit Card: MotorSportReg.com Interac: martinl@htl.net
All Others	\$100.00	Credit Card: MotorSportReg.com Interac: martinl@htl.net

We prefer that you enter through MotorSportReg.com, however we can take Interac transfers to martinl@htl.net. Payment by Cash or Cheque may be arranged in special circumstances. Please email martinl@htl.net

Fee Includes:

Entry for one Driver
All associated levies and event insurance
Lunch

Important:

An entry is not complete until the fee has been paid. We will not actually charge your credit card until Thursday Feb. 7th, 2019.

*KWRC Humberstone Rallycross #1 2019 Supplementary Regulations***Withdrawal or Cancellation**

Withdrawals without penalty can be made until noon on Thursday Feb. 9. After that, a minimum of a 5% credit card processing fee may be withheld. Competitors who do not formally withdraw will not receive a refund.

If we have to cancel for weather or any other reason we will inform all competitors on Friday Feb. 8, 100% of fees will be refunded in this case. For many competitors this means we just don't charge your credit card.

The Humberstone course is mainly a clay base and if it's wet it can be unusable. We watch the upcoming weather carefully and if there is a lot of rain in the days before the event we'll cancel and notify everybody as soon as possible. At the time of writing in early January there isn't much snow or ice but who knows what things will be like in a month. Hopefully snow. We don't want to have you drive to the event and then not have it run; we'll do our best to avoid that.

Technical Inspection

Cars will be inspected before the event. Seats and seat belts will be checked.

Helmets

Helmets bearing "Snell Memorial Foundation" M2000 or SA2000 (or more recent) labels must be worn by all drivers, co-drivers and passengers. Helmets must be in good visible condition, with no visible defects or damage.

Personnel in cars with cages or partial cages will be required to use a Snell SA2000 helmet or newer. Occupants must wear helmets conforming with: (Rallysprint Rules) CARS NRR 28.3.3 (a) and must have roll cage padding complying with CARS NRR 12.3.2.6 CARS bulletin 2017-03 (#2 Amended) clarifies that you need a SA rated helmet and at least five point harnesses https://carsrally.ca/wp-content/uploads/2015/09/CARS-2019_Electronic_English.pdf

When lined up to start the course for the first SS, the Technical Inspector or delegate may inspect your car for helmet compliance and to make sure the car is emptied of all loose items. Random checks may happen through the day.

Championship

We are running a championship series this year. All five planned events count. In case when any of the planned events has to be cancelled for any reason, the Championship standings will be deemed official as per latest officially run event on the Calendar.

Safety Equipment

The following safety equipment will be on site at all times and placed at an easily visible and accessible location:

Fire extinguishers

Comprehensive First Aid Kit.

A vehicle equipped with a tow rope will be available.

Competitive Runs & Timing

Competing vehicles shall be timed on the course one at a time.

No car shall start its run if another vehicle is on course in a position that could result in contact between them.

A competitive run shall commence from a standing start. A countdown shall be used in all cases. Electronic Timing will be used via digital display at Start and Finish. The display will be counting down and a Competitor will start their run when the display says "GO" and flashes Green.

In unusual circumstances, we may have to use manual stopwatches. When timing with a stopwatch, the timing will begin when the marshal says "Go". We expect to use Darin's electronic timing system which posts results immediately to <http://kwrc.blither.net>

A competitive run shall end when the competing vehicle crosses a flying finish line marked by a red flying finish board. A short distance after the flying finish will be a "Stop Box" which will be about twice the length of a car. You must have your car slowed to a reasonable speed (~10Km/Hr) and under control by the end of the stop box, but you don't have to come to a complete stop. Failing to comply with the intent of the stop box could endanger workers and will incur a minimum of a 20 second penalty. Serious violations could be penalized by exclusion.

Results will be determined by the cumulative times recorded for each run. An incomplete or missed run will be scored at 3 minutes.

Competitors are expected to line up in their start order 5 minutes before their expected start time and are expected to run within 3 car numbers of their start order or will be classified as a DNS. If the competitor informs the organizers that they will be unable start at their designated position, an exemption from the above may be granted, but the event will not be delayed and the affected competitor may miss their run.

Competitors must obey all marshals!

If you withdraw during the event please notify scoring.

If a large red "STOP" sign or waved red flag is shown to a competitor during a competitive run, competitors are to stop immediately. When instructed by the marshal, proceed to the finish at **SLOW** speed. The competitor will then be allowed to re-start their competitive run. Any practice or excessive speed during this time will result in the competitor being excluded from the run and listed as a DNF.

A maximum of six runs will be scored, if we have time and energy we may have some timed fun runs after that. If we can't get our six runs in before 3:30PM we'll do as many as we can. The scoring will still count for the series. We will score the best of N-1 runs, so hopefully five of six

Penalties

A penalty of 20 Seconds will be added to a competitor's score if the competitor:

- Is deemed to have gone off course (Short cutting). Running over cones marking the inside of a corner could be interpreted as short cutting.
- Has a stop box violation. One minute for second offence, disqualification for a third offence
- Jumping the start
- Hitting a device such as cones, hay bales, barrels or tires marking a chicane or protecting fixed objects, hitting fixed objects.

A penalty ranging from 10 seconds to exclusion may be applied to all the competitors using the offending vehicle for the following:

- Actions detrimental to the sport or code of conduct violations
- Speeding or drifting in the parking lot, driveways, non-competition areas, service area or during the parade lap,
- Actions that endanger workers or spectators.

Alcohol and Drugs

The possession of alcoholic beverages while on the track property is strictly prohibited. Any person suspected of being impaired by drugs or alcohol will be removed from the property immediately.

General Safety Rules and Regulations

Rallycross is intended for, but not restricted to, street legal, licensed passenger cars. All vehicles must be in a good state of repair and be in good mechanical condition. Particular attention will be paid to brakes, exhaust and bodywork. Vehicles do not need to be licensed or insured.

Windows in the driver and passenger side doors must be rolled up during completion. Window safety nets may be used in lieu of having windows rolled up during competition. Refer to CARS NRR 12.3.9.3 for recommended installation.

There are no restrictions on tires other than **studs are not permitted**.

Exhaust systems must be of sound condition and are subject to CARS NRR Section 12.4.4. Monitoring of sound levels may be conducted. **Anti-lag and Launch control systems may not be used**.

Batteries must be securely mounted using metal to metal mounts. If mounted in the passenger compartment, the battery must be contained inside a covered non-conductive box. (CARS NRR Section 12.3.7).

Nitrous Oxide systems are not permitted. Stock fuel tanks are allowed. Any other type of fuel tank is subject to CARS NRR 12.3.11.2 through 6.

Seat mountings, other than in the stock locations, must be securely mounted to the chassis of the vehicle in a manner to prevent movement in case of an accident.

*KWRC Humberstone Rallycross #1 2019 Supplementary Regulations***VEHICLES WITH ROLL CAGES:**

Occupants must wear helmets conforming with: (Rallysprint Rules) CARS NRR 29.3.3 (a) and must have roll cage padding complying with CARS NRR 12.3.2.6 CARS bulletin 2017-03 (#2 Amended) clarifies that you need a SA rated helmet and at least five point harnesses

WHEELS

At our final event for 2018 three cars had wheels come off during competition. They were all steel wheels; in one case the wheel pulled over the lug nuts, in another the wheel centre stayed on the car but the wheel broke around the circumference of the rotor.

Loose wheels can be a danger to workers and others around the field. Please check that your lugnuts are of the correct type for the wheel and are properly torqued. Consider checking the torques part way through the day. Have a close look at the wheels for any signs of cracks or damage.

Notes

The Grandstands will be available. We'll have a couple of Porta-Potties as the track washrooms will be closed for the winter. There won't be any buildings to shelter in if the weather is bad so come suitably equipped. You should have your own supply of drinks and snacks. We will supply lunch to competitors and workers. Our workers need the break for lunch, but to keep it as short as possible competitors should get their lunch as soon as practical after they have completed run #3. At the break please give the marshalls priority in the food line so we can get back to running as soon as possible.

The track is closed for the season so we have more lax time deadlines. We would like to be done by 3:30-4:00 PM. We've had pretty good success in getting in all runs before but if we get delayed we may decide to cut down that number.