

Te Aroha Dirt Kart Club Engine Rules



Alcohol rules for Shifter & Open Class Kart Engines

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Cover Note

These rules are in conjunction with all/any other rules laid down by the TADK Club and must be read/used in conjunction with those rules.

General

Only the Shifter and Open Class karts driven by senior members may run alcohol fuel. Before running alcohol fuels, drivers/operators of alcohol fuelled karts must have had discussions with and received confirmation from TADK Club Technical and Scrutineering personnel.

Membership/Race Card and Kart Number (M)

Must show that the kart entered is fuelled by Alcohol

Alcohol Fuel

Mixture is to be of at least 15% petrol and must have "colour" when viewed in clear container in daylight.

Scrutineering

Alcohol fuel to be presented to Scrutineer at time of scrutineering.

Fuel tank

1. Must be of suitable material and construction to safely contain alcohol fuel.
2. Must be securely fitted to kart so as not to move or fret in any way.
3. Fittings must show no visible signs of leaking and must not leak.
4. Cap must be able to be securely closed.
5. Tank must have vent to catch bottle/s.

Fuel Lines

1. Fuel lines must be of suitable material and construction to safely contain alcohol fuel.
2. Must be securely fitted and located away from exhaust.
3. Must not allow any fuel leakage.

Fuel test

1. A "flame test" may be used to verify that the burning of fuel creates a visible smoke.
2. The test is to be conducted only by Technical Officer and Scrutineers.

Non-Compliance

1. If the fuel test does not conclusively show visible smoke the driver must either add more petrol or oil to produce smoke.
2. Failing that, the driver will be excluded from further participation in the race meet due to safety infringement.