

# Kart Technical Exception Class Approval

Ref: **KTE-2012-141**

The MSA can confirm that ABkC has been granted permission to run the 450 4-stroke Gearbox Class in the UK. Class Regulations will be reviewed by the MSA on a yearly basis.

## Details:

As per 2012 MSA Kart Race Yearbook regulations for the 250 National class, with the exceptions/additions as detailed in the attached document.

**Date Approved:** 24 January 2012

MSA Stamp & Signature:



**JOE HICKERTON**  
MSA Technical Administrator

### **F.3.9 Class                      Formula 450 4-Stroke Gearbox (Short Circuit)**

This class is restricted to registered series production single cylinder motocross 4-stroke engines of a maximum of 450cc designed to have no more than five gears. It is designed to be compatible with and part of the 250 National class but for separate points and trophies. Regulations as 250 National including class weight and tyres except as shown below.

**F.3.9.1 Engine.** Registered series production single cylinder motocross 4-stroke engines of a maximum of 450cc designed to have no more than five gears, and registered with the MSA for the class. Current registrations are:

Honda CRF450, Husqvarna SM450, KTM SXF450 & SMR450, Kawasaki KX450F, Suzuki RMZ450, TM MX450F & SMX450, Yamaha YZ450F, Rotax DS450efi.

#### **Tuning Rules**

No modifications to the standard engine as supplied in the motorcycle model are permitted. All components used must be OEM standard as at the time of manufacture and on the motorcycle parts list. If an engine is supplied at the date of manufacture with carburettor induction, then it cannot be later modified to fuel injection or vice versa. The rev-limiter must be as standard and supplied with the motorcycle at 12,000rpm

**F.3.9.2 Silencing.** Intake – See Appendix 3 but only Motiv FIS/2PR intake box is permitted, unmodified.

Exhaust – See Appendix 3 – but the silencer must be of the baffled type with a minimum length of 420mm and minimum 418mm circumference and the Yamaha R6 type is the only exhaust silencer approved.

**F.3.9.4 Plates.** Green number plates with white numbers. U17.27 applies.