

Technical Description

V31 – Bicycle Assembly



Mécanique Cycles

Summary of the contest:

Assembling a bicycle according to given instructions and making adjustments to make it run properly.

Running of the contest:

Duration of the contest will be 6 hours maximum.

Each candidate will get: a package containing a disassembled bike, the technical datasheet from manufacturer including the assembling instructions.

A bicycle assembled and adjusted will be in demonstration on the stand.

Contestation consists in pre-assemble and ensure that the bicycle is adjusted to run properly.

Main skills required:

Be able to:

- ✓ Unpack methodically
- ✓ Analyse technical instructions
- ✓ Organize the work station properly
- ✓ Pre assemble every spare parts
- ✓ Ensure correct assembling
- ✓ Proceed to security and operating adjustments
- ✓ Check the work done before giving to the jury.

Rating criteria:

- ✓ Management of the work place, cleanliness, security, optimization of materials
- ✓ Quality of assembly
- ✓ Respect of manufacturer instructions regarding assembly on operating and security system
- ✓ Adjustment of the gear, wheels and braking system