



On-site Assessment Equipment Description

MakeX Robotic Competition adheres to the spirit of creation, cooperation, happiness and sharing. Encourage the contestants to conduct friendly, efficient communication and creative constructions for the tasks announced on site.

The equipment description for the on-site assessment of the 2019 MakeX Robotic Competition Championship is as follows:

I. Starter (City Guardian):

The limit of on-site assessment equipment is the same as that for city guardian, which shall be prepared by the team itself. Recommended players prepare a set of complete equipment package for city guardian. Before the on-site assessment, all structural parts and electronic parts shall be split into the original state. The teams can also choose to modify the robots they brought for the competition and restore the modification after the on-site assessment.

II. Challenge (Courageous Travelers):

The limit of on-site assessment equipment is the same as that for the Courageous Travelers. It is recommended that the participating teams carry a complete "MakeX transmission extension package" and other transmission structural parts and electronic parts. For example: beam structure, synchronous pulley, gear, synchronous belt, drive fixed plate, intelligent steering gear, motors etc. Before the on-site assessment, all structural parts and electronic parts shall be divided into original state.

III.Premier(Ultimate Warriar)

The limit of on-site assessment equipment is the same as that for Ultimate Warriar. It is suggested that the teams should carry a complete "MakeX transmission extension package" , a "MakeX pneumatic extension package" and other transmission, pneumatic structure and electronic parts. For example: beam structure, gear, synchronous belt, intelligent steering gear, solenoid valve, gas cylinder, motors etc. Before the on-site assessment, all structural parts and electronic parts shall be divided into original state.

Statement:

1. Due to different construction schemes of participating robots, the MakeX Robotics Competition Committee cannot guarantee that the equipment recommended in this document can fully meet the construction requirements of each participating team. It is recommended that the team prepare as many structural parts, connectors, electronic parts and other modification parts (such as cardboard, 3D prints, ties, rubber bands,etc.) as possible.
2. The MakeX Robotics Competition Committee has the final right to interpret this instruction.

MakeX Robotics Competition Committee

