

# **INTERTEK TESTING SERVICES**

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## **EXHIBIT 1**

### **GENERAL DESCRIPTION**

## **INTERTEK TESTING SERVICES**

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### **1.0    General Description**

#### **1.1    Product Description**

The equipment under test (EUT) is a remote control of the toy car operating at 27.145 MHz. The EUT is powered by 9V battery. The remote control has two control panels. The left panel controls the forward and backward motion of left wheels of the toy car. The right panel controls the forward and backward motion of right wheels of toy car. The transmission will cease within 2 second of being release.

The brief circuit description is attached in the following pages.

- $Q_3$  and associated circuit act as power on circuit.
- $IC_1$  and associated circuit act as encoder.
- $Q_2$  and associated circuit act as local oscillator.
- $Q_1$  and associated circuit act as modulator.

#### **1.2    Related Submittal(s) Grants**

This is a single application for certification of a transmitter. The receiver for this transmitter is exempted from the Part 15 technical rules per 15.101(b).