

America

# CERTIFICATE

No. U8 108162 0054 Rev. 00

**Holder of Certificate:** **Rainbow Robotics Inc.**  
10-19, Expo-ro, 339beon-gil. Yuseong-gu  
Daejeon 34122  
REPUBLIC OF KOREA

**Certification Mark:**



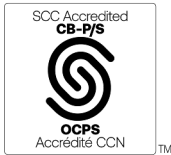
**Product:** **Industrial Robot  
(Manipulator & Controller)**

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL for USA and a Standards Council of Canada ISO/IEC 17065 accredited Certification body for Canada.

**Test report no.:** MAEA07386023

**Date,** 2023-09-27

( Ro-Hyun Park )



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**Model(s):** Manipulator : RB6-920ES, RB6-920ESA1,  
RB6-920ESN  
**Controller : CB07**

**Tested according to:** UL 1740:2018/R:2020-11  
CSA Z434:2014/U1:2017-02

**Also evaluated to the following standards:** ANSI/NFPA 79:2021

## Parameters:

Manipulator : RB6-920ES, RB6-920ESN  
Rated payload : 6 kg  
Degree of freedom : 6 axis  
Weight : 21.2 kg  
Protection class : I

Manipulator : RB6-920ESA1  
Rated payload : 6 kg  
Degree of freedom : 6 axis  
Weight : 21.2 kg  
Protection class : I  
Operation air pressure : 10 bar

Controller : CB07  
Rated input voltage : 100-240 Va.c., 1 Phase  
Rated frequency : 50/60 Hz  
Rated input current : 15 A  
Weight : 8.3 kg  
Protection class : I