



Fraunhofer

TESTED[®] DEVICE

ABB Engineering (Shanghai) Ltd.
IRB120 M2004 (SN: 12-80596)
Report No. AB 1211-619

Qualification Certificate

This is to certify that the product mentioned above, provided by

ABB Engineering (Shanghai) Ltd.
Shanghai, China

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number AB 1211-619.

When operated at a speed of 50 % and 100 %, the robot IRB120
M2004 (SN: 12-80596) is suitable for use in cleanrooms fulfilling
the Air Cleanliness Class 5 according to ISO 14644-1.


DUPLICATE

The validity of this certificate
applies only to the mentioned
product in this particular
condition for a duration of
5 years.

Further information:
www.tested-device.com

Detailed information and parameters of the test environment can
be found in the Fraunhofer IPA test report.

Stuttgart, January 14, 2013

i.A. 
Project manager