



Fraunhofer

TESTED[®] DEVICE

ABB Engineering (Shanghai) Ltd.
IRB120 M2004 (SN: 12-80225)
Report No. AB 1109-576

Qualification Certificate

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

ABB Engineering (Shanghai) Ltd.
Kangqiao Town, Pudong District, Shanghai, China

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number AB 1109-576.

When operated at the velocity of 50 %, the robot IRB120 M2004 (SN: 12-80225) is suitable for use in cleanrooms fulfilling the Air Cleanliness Class 5 according to ISO 14644-1.

When operated at the velocity of 100 %, the robot IRB120 M2004 (SN: 12-80225) is suitable for use in cleanrooms fulfilling the Air Cleanliness Class 4 according to ISO 14644-1.

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

Stuttgart, December 5, 2011

J. A. Rein
Project manager

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