







20. Certifications


Description

Third party certification is voluntary. However, to provide the best service to robot integrators, Universal Robots chooses to certify its robots at the recognized test institutes listed below.
You can find copies of all certificates in the chapter: Certificates.


Certification

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|---|--------------------------------|--|
|  <div>EN ISO 10218-1 EN ISO 13849-1 www.tuv.com ID 0007000000</div> | TÜV Rheinland | Certificates by TÜV Rheinland to EN ISO 10218-1 and EN ISO 13849-1. TÜV Rheinland stands for safety and quality in virtually all areas of business and life. Founded 150 years ago, the company is one of the world's leading testing service providers. |
|  TÜVRheinland® | TÜV Rheinland of North America | In Canada, the Canadian Electrical Code, CSA 22.1, Article 2-024 requires equipment to be certified by a testing organization approved by the Standards Council of Canada. |
|  | CHINA RoHS | Universal Robots e-Series robots conform to CHINA RoHS management methods for controlling pollution by electronic information products. |
|  | KCC Safety | Universal Robots e-Series robots have been assessed and conform to KCC mark safety standards. |
|  | KC Registration | The Universal Robots e-Series robots have been evaluated for conformity assessment for use in a work environment. Therefore, there is a risk of radio interference when used in a domestic environment. |
|  | Delta | Universal Robots e-Series robots are performance tested by DELTA. |

Supplier Third Party Certification

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|---|-------------|---|
|  | Environment | As provided by our suppliers, Universal Robots e-Series robots shipping pallets comply with the ISMPM-15 Danish requirements for producing wood packaging material and are marked in accordance with this scheme. |
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**Manufacturer
Test
Certification**

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|  | Universal Robots | Universal Robots e-Series robots undergo continuous internal testing and end of line test procedures. UR testing processes undergo continuous review and improvement. |
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**Declarations
according to
EU directives**

Although EU directives are relevant for Europe, some countries outside Europe recognize and/or require EU declarations. European directives are available on the official homepage: <http://eur-lex.europa.eu>.
According to the Machinery Directive, Universal Robots' robots are partly completed machines, as such a CE mark is not to be affixed.
You can find the Declaration of Incorporation (DOI) according to the Machinery Directive in the chapter: Declarations and Certificates.
