

Date : 04/27/2023

Mobile Industrial Robots A/S
Emil Neckelmanns Vej 15F
5220 Odense
Denmark

Attn: Cecilie Amalie Zarp-Falden

Re. : T License

Type of Equipment : Industrial Mobile Robot (IMR)
Model Designation : See Certificate
Certificate No. : T 72228767 0001
File No. : US22PT5C 001
Engineer/Contact : Daniel Posner
Standard(s) : ISO 13849-1:2015

Dear Ms. Zarp-Falden,

The above referenced technical equipment has been tested and was found to be in compliance with the listed test requirement(s). Enclosed, please find the TUV Rheinland approval document No. T 72228767 0001. It authorizes you to label the listed product(s) with the TUV Rheinland Mark identified in the approval document. For compliance, the Test Mark must be on the approved unit.

Your product is subject to regular factory follow-up inspections as well as annual certificate and factory registration fees.

In using the TUV Rheinland Mark you are obligated to comply with the TUV Rheinland of North America Service Agreement.

If we can be of any further assistance to you, please do not hesitate to contact us.

Sincerely yours,
Certification Body

Dipl.-Ing. M. Glagla
QA Certification Officer

Enclosure

TUV Rheinland
of North America, Inc.

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Member of
TUV Rheinland Group

Certificate



Certificate no.

T 72228767 01

License Holder:

Mobile Industrial Robots A/S
Emil Neckelmanns Vej 15F
5220 Odense
Denmark

Manufacturing Plant:

Mobile Industrial Robots A/S
Emil Neckelmanns Vej 15F
5220 Odense
Denmark

Test report no.: USA-US22PT5C 001

Client Reference: Cecilie Zarp-Falden

Tested to: ISO 13849-1:2015

Certified Product: Industrial Mobile Robot (IMR)

License Fee - Units

Model Designation: MiR600; MiR1350

Special Remarks: Solely assessed to standard listed above.
The following safety functions have been evaluated:

- 1) E-Stop # PLd, Cat 3
- 2) Overspeed # PLc, Cat 3
- 3) Field switch # PLd, Cat 3
- 4) Personnel detection # PLd, Cat 3
- 5) Speed monitor # PLd, Cat 3
- 6) Safeguarded stop # PLd, Cat 3
- 7) Locomotion # PLd, Cat 3
- 8) Hold to run # PLc, Cat 1

contd.

Appendix: 1, 1-9

Licensed Test mark:



Date of Issue
(day/mo/yr)

24/04/2023

Certificate



Certificate no.

T 72228767 02

License Holder:

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License Fee - Units

contd. Special Remarks

- 9) Mode selector # PLc, Cat 1
- 10) Pallet lift position monitoring # PLb, Cat B
- 11) System E-Stop # PLd, Cat 3
- 12) Shelf lift position monitoring # PLb, Cat B
- 13) Shelf detection # PLb, Cat B

Licensed Test mark:



Date of Issue
(day/mo/yr)

24/04/2023