AMRA STANDARD

AMRA-201:2026(en)

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Mobile Robots - General Requirements and Test Methods

NOTICE

For more information, contact:
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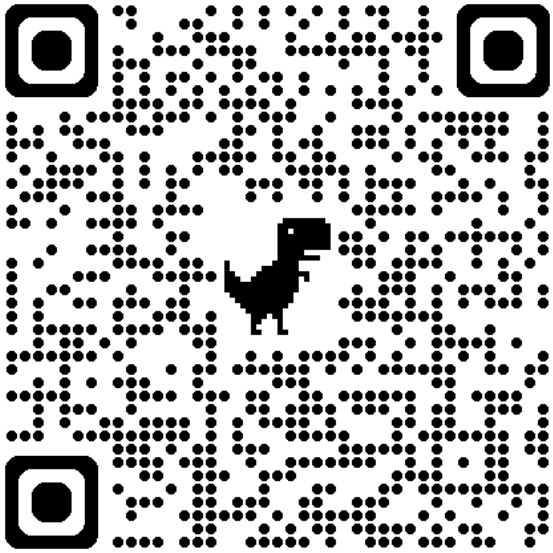
For standard improvement, submit comments:
https://forms.gle/Xe1sYUkdQ4xaX8Xg6
… QR code of the link to the Google Form …



INTRODUCTION

Mobile robots are increasingly deployed across industrial and service environments, supporting a wide range of applications and operational needs. As the mobile robot industry continues to expand, establishing a common foundation for product specifications and performance evaluation has become increasingly important.

AMRA-201 specifies general requirements and test methods for mobile robots operating on solid travel surfaces, providing a consistent framework for both manufacturers and users. Manufacturers may adopt this standard as a baseline for product design and specification development, while users can apply it to evaluate and compare products under objective and consistent conditions. By promoting a shared understanding of fundamental requirements, this standard contributes to improved communication, product transparency, and ecosystem development across the mobile robot industry.

This standard was developed by experts in Working Group #1 (WG1), reviewed by the Technical Committee, and approved by the Board. The individuals and organizations listed below, in alphabetical order, have made significant contributions to this edition.

Board

Approved AMRA-201:2026(en) on 2026-07-20

- CiLS
- DEKRA iST Reliability Services
- Delta Electronics
- GUS Technology
- III
- ITRI [Chair]
- PMC
- TUV Rheinland Taiwan Ltd.

Technical Committee

Reviewed AMRA-201:2026(en) on 2026-07-08

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