**TÜV Rheinland Sets New Industry Standard for Testing of Robotic Lawn Mowers**

Pioneering product safety and quality: TÜV Rheinland sets new industry standard with "Q-mark" certification system, measuring performance and technological advancement / E. g. mowing efficiency, energy management, navigation skills, and user-friendliness / First certificate awarded to Willand lawnmower (Segway Navimow) / Find more details at: <https://www.tuv.com/world/en/gardening-equipment.html>

TÜV Rheinland introduces the innovative "Q-mark" (quality) certification for robotic lawn mowers, thereby establishing a new industry standard. By testing and evaluating the quality and performance features of robotic lawn mowers, the TÜV Rheinland experts are going far beyond traditional safety aspects. The certification responds to the growing demand for more advanced technological performance and innovation in the robotic lawn mower industry, which thrives in the EU and US as leading markets, with significant growth rates. The first Q-mark certificate was awarded to Segway Navimow

**Transparent Assessment: Innovative Testing Criteria**

The "Q-mark" system developed by TÜV Rheinland offers both users and manufacturers clear insights into comprehensive testing criteria and outcomes. The testing process covers multiple key criteria, including mowing efficiency, energy management, navigation skills, and user-friendliness. "Integrated technologies such as advanced sensors for obstacle detection, smart navigation algorithms, and optimized energy management systems are crucial in determining the performance of robotic lawn mowers," says Frank Holzmann, Global Business Field Manager for Electrical Products Testing at TÜV Rheinland. "Devices that pass our stringent tests represent outstanding performance and carry the Q-mark seal of quality." Marc Zaplin, Regional Business Field Manager for Electrical Products Testing at TÜV Rheinland, adds: “Our Q-mark certification serves as a proof of quality for manufacturers and as a confidence-building measure for consumers seeking technically advanced and efficient robotic lawn mowers.”

The Q-mark certification is represented by the unique certificate reference “2PfG Q2892”. The specific test results for each certified robotic lawn mower can be accessed through TÜV Rheinland's [Certipedia certificate database](https://www.certipedia.com/?locale=en) by typing “Q2892” into the search field. A detailed presentation provides consumers with information on the test criteria applied. End-users can see how the product performs in various dimensions such as minimum passage width, escape from a small area or operational failure, etc. [Here](https://www.certipedia.com/quality_marks/1111294948?locale=en) is a specific example for Segway Navimow being the first company to obtain the new Q2892 certification by passing all measuring dimensions.

The Q-mark certification is based on the latest research findings and technical standards of TÜV Rheinland. It serves as a proof of quality for manufacturers and as a confidence-building measure for consumers seeking technically advanced and efficient robotic lawn mowers.

TÜV Rheinland has been involved in testing and certification of electronic products for more than 100 years and now employs more than 1,700 specialists worldwide to minimize technical and quality risks, as well as to assess quality and performance indicators. TÜV Rheinland experts conduct more than 120,000 tests annually in the area of electronical products testing around the world and enable international market access through testing and certification. The experts develop new test methods, work on research and development projects, and collaborate with standardization committees. Recently, there has been a growing demand for innovative and sustainable testing services such as carbon footprint, recycle material, reparability, and health. As a leading provider of testing services for electronic products, TÜV Rheinland operates more than 80 laboratories for electrical and electronic products around the world. For more information, visit [www.tuv.com/world/en/electrical-electronics](http://www.tuv.com/world/en/electrical-electronics.html)

*Safety and quality in almost all areas of business and life: That’s what TÜV Rheinland stands for. The company has been active for more than 150 years and is one of the world’s leading testing service providers. TÜV Rheinland has more than 22,000 employees in over 50 countries and generates annual sales of more than 2.4 billion euros. TÜV Rheinland’s highly qualified experts test technical systems and products around the globe, accompany innovations in technology and business, train people in numerous professions and certify management systems according to international standards. In this way, the independent experts ensure trust along global flows of goods and value chains. Since 2006, TÜV Rheinland has been a member of the United Nations Global Compact for more sustainability and against corruption. Website:* [*www.tuv.com*](http://www.tuv.com)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Media contact:

TÜV Rheinland, Press Office, Tel.: +49 221 806-21 48

Press releases as well as photo and video footage are available on request by email to contact@press.tuv.com or on www.tuv.com/press.