



Press Release

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thyssenkrupp nucera Strengthens Cyber Security With ISO 27001 Certificate

- thyssenkrupp nucera receives ISO 27001 certificate from TÜV Rheinland for its information security management system
- The certificate verifies that thyssenkrupp nucera complies with internationally recognized security standards and protects sensitive data
- Certified cyber security and already separately certified product safety of the electrolyzer confirm the high process and technology quality of thyssenkrupp nucera and increase its attractiveness as a potential project partner – also with a view to funding programs such as the European Hydrogen Bank

Dortmund, December 5, 2024 – thyssenkrupp nucera AG & Co. KGaA ("thyssenkrupp nucera") has been certified by TÜV Rheinland in accordance with the requirements of ISO 27001 (International Organization for Standardization) for its information security management system (ISMS), in particular for its digital product solutions and service processing. In order to meet these high standards, the electrolysis specialist refined its risk assessment and treatment and implemented regular audit programs, among other things. Ralph Freude, Lead Auditor at TÜV Rheinland, presented the ISO 27001 certificate.

For thyssenkrupp nucera, one of the world's leading suppliers of high-efficiency electrolysis technology, this is the next ISO certificate for its technology and business processes. The electrolysis specialist had previously received an ISO 22734 certificate from TÜV Rheinland for its 20-megawatt alkaline water electrolysis module. This demonstrates that thyssenkrupp nucera complies with the international standard for the design, manufacture and testing of its alkaline water electrolysis and meets comprehensive safety requirements to minimize risks when producing hydrogen.

"Receiving the ISO 27001 certificate shows once again that we consistently protect the confidentiality, integrity and availability of our customers' and partners' sensitive data and are continuously working to improve our security measures," says Dr. Werner Ponikwar, CEO of thyssenkrupp nucera. "It is no coincidence that the European Hydrogen Bank requires funded projects to submit a cyber security plan and to comply with product security according to ISO 22734. With the receipt of these two certificates,



thyssenkrupp nucera positions itself as an ideal technology partner for investment projects – particularly those submitted for public funding."

The requirements of ISO 27001 as an international ISMS standard support companies in systematically protecting sensitive data, identifying risks and taking suitable security measures. They include the establishment, monitoring and continuous improvement of an ISMS as well as the implementation of security controls to ensure information security. Systematic risk analysis and suitable measures help to minimize potential risks such as data loss, cyberattacks or outages. The ISO 27001 certification also demonstrates compliance with legal and regulatory requirements, such as data protection.

Photos

Please contact us to inquire about photographs.

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About thyssenkrupp nucera:

thyssenkrupp nucera offers world-leading technologies for high-efficiency electrolysis plants. The company has extensive in-depth knowledge in the engineering, procurement, and construction of electrochemical plants and a strong track record of more than 600 projects with a total rating of over 10 gigawatts already successfully installed. With its water electrolysis technology to produce green hydrogen, the company offers an innovative solution on an industrial scale for green value chains and an industry fueled by clean energy – a major step towards a climate-neutrality. thyssenkrupp nucera successfully made an IPO in July 2023 and is a member of the SDAX of the Frankfurt Stock Exchange since September 2023.

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