



Certificate CN21/21703

The management system of

thyssenkrupp steering Changzhou., Ltd.

Unified Social Credit Code 91320411329617284A

Business Registration Address: No. 78, Yingping Road, New North District, Changzhou

Business Operation Address: No. 78, Yingping Road, New North District,
Changzhou, Jiangsu, P.R. China

has been assessed and certified as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 119-2015

For the following activities

Energy management activities related to energy procurement, reception, storage, processing conversion, transmission, use and other related energy-saving technologies are involved in the process of manufacturing of automotive energy absorbing steering system and key parts (cold forged parts).

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate.

This certificate is valid from 11 November 2021 until 10 November 2024
and remains valid subject to satisfactory surveillance audits.

Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 11 November 2021.

Authorized by

SGS CSTC Standards Technical Services Co., Ltd.

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The certification information can be verified on the web site of Certification and Accreditation Administration of
the People's Republic of China www.cnca.gov.cn

Page 1 of 1



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The Appendix of Certificate CN21/21703

thyssenkrupp steering Changzhou., Ltd.

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Issue 1



Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
MA Oct.25 - 28, 2021	Jan.2020 - Dec.2020 automotive energy absorbing steering system 3.09 kgce/ten thousand yuan 0.48 kgce/pcs key parts 5.69 kgce/ten thousand yuan 0.05 kgce/pcs	The factory is located at No. 78, Yingping Road, New North District, Changzhou, Jiangsu, P.R. China. The main energy consumption processes include Injection molding, machining, heat treatment, quenching, cold forging, stamping and assembly and other production processes, as well as auxiliary production processes such as air-compressors, preparation of nitrogen, process cooling water, wastewater, waste gas and treatment.
	Jan.2021 - Sept.2021 automotive energy absorbing steering system 3.82 kgce/ten thousand yuan 0.56 kgce/pcs key parts 4.34 kgce/ten thousand yuan 0.04 kgce/pcs	Jan.2020 - Dec.2020 automotive energy absorbing steering system: 1759100 pcs key parts: 17034613 pcs Jan.2021 - Sept.2021 automotive energy absorbing steering system: 1149839 pcs key parts: 15363166 pcs
	1 st Sur	
2 nd Sur		

Page 1 of 1