



MANAGEMENT SYSTEM CERTIFICATE

Certificate No.:
795020-2025-AE-RGC-DNV

Initial certification date:
06 November, 2025

Valid:
06 November, 2025 – 05 November, 2028

This is to certify that the management system of

Gränges Aluminium (Shanghai) Co., Ltd.

No. 1111, Jiatang Highway, Loutang Town, Jiading District, Shanghai, China

has been found to conform to the Energy Management System standard:

GB/T23331-2020/ISO 50001:2018

in compliance with RB-T 117-2014 Energy Management System - Certification
Requirements for Nonferrous Industry

This certificate is valid for the following scope:

Design and Manufacture of Aluminum Strips, Sheets, Foils and Folded Tubes

Place and date:
Shanghai, 07 November, 2025



For the issuing office:
DNV - Business Assurance
Suite A, Building 9, No.1591 Hongqiao
Road, Changning District, Shanghai
200336, P.R. China
TEL: +86 21 3279 9000

Zhu Hai Ming
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV Business Assurance China Co. Ltd., Suite A, Building 9, No.1591 Hongqiao Road, Changning District, Shanghai 200336, P.R. China -
TEL: +86 21 3279 9000. www.dnv.com/assurance

THE VALIDITY OF THE CERTIFICATE CAN BE CHECKED THROUGH THE CNCA WEBSITE IN CHINA. [HTTP://WWW.CNCA.GOV.CN](http://WWW.CNCA.GOV.CN)



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Appendix to Certificate

Gränges Aluminium (Shanghai) Co., Ltd.

Phase of Certification	Comprehensive Energy Consumption		Boundaries of Energy Consumption Account
Initial Audit	2024		Main Production System: Melting, Homogenization, Preheating, Hot Rolling, Cold Rolling, Annealing, Shearing
	Annual Comprehensive Energy Consumption	29963tce	Auxiliary Production System: Air Compressor, Nitrogen Generator, Electricity Distribution System, Waste Gas Treatment System
	Comprehensive Energy Consumption Per Unit Product	0.2540tce/t	Subsidiary Production System: Cafeteria