

Certificate of Approval

This is to certify that the Management System of:

Gränges Aluminium (Shanghai) Co., Ltd.

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

Unified Social Credit Code: 9131000060735952X3

Registration Address: No. 1111 Jiatang Highway, Loutang Town, Jiading District, Shanghai City

has been approved by Lloyd's Register to the following standards:

ISO 50001:2018
GB/T 23331-2020, RB/T 117-2014

Approval number(s): GB/T 23331 – 00022858

The scope of this approval is applicable to:

Design and manufacture of aluminium strips, sheets, foils, and folded tubes.



Rhett Wang

Area Operations Manager, North Asia

Issued by: Lloyd's Register Quality Assurance (Shanghai) Co., Ltd.

The certificate can be checked for validity on CNCA website (www.cnca.gov.cn) 30 working days after the date of issuance. This approval is subject to surveillance assessment carried out in accordance with the LRQA assessment and certification procedures.

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Issued by: Lloyd's Register Quality Assurance (Shanghai) Co., Ltd., Room 1901-02, Ocean Tower, No. 550 Yan An Dong Road, Shanghai, 200001

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The boundaries and energy performance for the certified Energy Management System:

Energy Management System Boundaries:	The process of energy purchasing, storage, processing and transformation, transmission and distribution and use in the design and manufacture of aluminum strips, sheets, foils and folded tubes, and auxiliary manufacture system.
Energy Performance:	<ul style="list-style-type: none"> • Comprehensive energy consumption for unit product (kgce/t): 318.35. • Energy consumption for unit casting slab (kgce/t): 143.49. • Energy consumption for unit aluminum products (kgce/t): 83.89.

Surveillance Visit:

1 st Surveillance:	9 th - 10 th Oct. 2020	2 nd Surveillance:	21 st - 22 nd Oct. 2021
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