

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Hebei Shoulang New Energy Technology Co., Ltd.

Shougang Jingtang United Iron & Steel Co., Ltd. : Caofeidian Industrial Zone, Tangshan City, Hebei 063200, China

Has demonstrated the operation of a management system that is compliant with the requirements of:

Roundtable on Sustainable Biomaterials

Standard(s): **RSB Global: RSB-STD-01-001 V3.0, RSB-PRO-20-001 V3.2, RSB-PRO-30-001 V3.2, RSB-PRO-60-001 V3.2, RSB-PRO-50-001 V3.4, RSB-STD-01-003-01 V2.3, RSB-STD-01-010 V2.2;**

RSB-STD-02-001 V2.0

The scope of this certificate shall be limited to:

Industrial Processor and Point of Origin

Input: Carbon Monoxide from steel mill Basic Oxygen Furnace off-gas

Output: Ethanol (for non-energy use)

This RSB certificate was issued under accreditation by a RSB recognized certification body for compliance with the RSB standards and the RSB certification systems.

Certificate Code: **SCS-RSB/PC-0040**

RSB Participant Code: **2136**

Valid from **2 December 2020 to 1 December 2025**

This RSB certificate is only valid if duly registered in the RSB database(s) of registered RSB certificates and that the validity of this RSB certificate shall be verified in the RSB database(s) of registered RSB certificates. Please see <http://rsb.org/certification/participating-operators/>. This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is certified to RSB standards. This certificate shall remain the property of SCS, and all copies and reproductions shall be returned to SCS immediately upon request. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the



CB Registration No. 592



A handwritten signature in black ink that reads 'Stanley Mathuram'.

Stanley Mathuram, PE, Executive Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA



Annex to the certificate **SCS-RSB/PC-0040**

The following facilities are included in the certificate scope:

Industrial Operator

Facility	Material / Type	City, State/Province
Hebei Shoulang New Energy Technology Co., Ltd	Ethanol (for non-energy use)	Shougang Jingtang United Iron & Steel Co., Ltd. : Caofeidian Industrial Zone Tangshan City, Hebei 063200 China

Point of Origin

Facility	Material / Type	City, State/Province
Shougang Jingtang United Iron and Steel Co. Ltd Steel Mill	Carbon Monoxide from Steel Mill Basic Oxygen Furnace off-gas	Shougang Jingtang United Iron & Steel Co., Ltd. : Caofeidian Industrial Zone Tangshan City, Hebei 063200 China

Addendum

Date	Description
12/3/2021	Suspended

Stanley Mathuram, PE, Executive Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA



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The following facilities are included in the certificate scope:

Addendum

Date	Description
4/6/2022	Unsuspected
4/6/2022	Certificate Validity Extended due to change to low risk

Stanley Mathuram, PE, Executive Vice President
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