ASI CERTIFICATION PERFORMANCE STANDARD



PRESENTED TO

Shandong Nanshan Aluminium Co., Ltd.

CERTIFICATE NUMBER

53

ASI STANDARD

PERFORMANCE STANDARD (V3.1 2023)

DATE OF ISSUE

9 DECEMBER 2025

CERTIFICATION LEVEL

FULL CERTIFICATION

DATE OF EXPIRY

8 DECEMBER 2028

ASI ACCREDITED AUDITING FIRM

DNV BUSINESS ASSURANCE SERVICES UK LTD.

CERTIFIED SINCE

9 DECEMBER 2019

AUTHORISED BY

The

Aluminium Stewardship Initiative Ltd ACN 606 661 125, Australia info@aluminium-stewardship.org

Validity of this Certificate is subject to continued conformance with the applicable ASI Standard and can be verified at

www.aluminium-stewardship.org

CERTIFICATION SCOPE

Headquarter functions at Shandong Nanshan Aluminium Co., Ltd. in Nanshan Industrial Park, Longkou City, Yantai City, Shandong Province, China, and the following sites with associated Facilities:

Site 1: Donghai Industrial Park, Longkou City, Yantai City, Shandong Province, China:

- (1). Shandong Nanshan Aluminium Co., Ltd. (450,000 t/a Aluminium alloy slab production line).
- (2). Plate Company of Shandong Nanshan Aluminium Co., Ltd. (200,000 t/a Aluminium alloy plate and strip production line).

Site 2: Nanshan Industrial Park, Longkou City, Yantai City, Shandong Province, China:

- (1). Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (750,000 t/a hot rolling production line).
- (2). Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (600,000 t/a Aluminium alloy plate and strip production line).
- (3). Yantai Donghai Aluminum Foil Co., Ltd. (40,000 t/a high precision Aluminium and Aluminium foil production line).

AUDIT REPORT PERFORMANCE STANDARD

OVERVIEW

MEMBER NAME	Shandong Nanshan Aluminium Co., Ltd.			
ENTITY NAME	Shandong Nanshan Aluminium Co., Ltd.			
CERTIFICATION SCOPE	Headquarter functions at Shandong Nanshan Aluminium Co., Ltd. in Nanshan Industrial Park, Longkou City, Yantai City, Shandong Province, China, and the following sites with associated Facilities:			
	Site 1: Donghai Industrial Park, Longkou City, Yantai City, Shandong Province, China: (1). Shandong Nanshan Aluminium Co., Ltd. (450,000 t/a Aluminium alloy slab production line).			
	(2). Plate Company of Shandong Nanshan Aluminium Co., Ltd. (200,000 t/a Aluminium alloy plate and strip production line).			
	Site 2: Nanshan Industrial Park, Longkou City, Yantai City, Shandong Province, China: (1). Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (750,000 t/a hot rolling production line).			
	(2). Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (600,000 t/a Aluminium alloy plate and strip production line).			
	(3). Yantai Donghai Aluminum Foil Co., Ltd. (40,000 t/a high precision Aluminium and Aluminium foil production line).			
SUPPLY CHAIN ACTIVITIES	Aluminium Re-melting/Refining			
	CasthousesSemi-Fabrication			
ASI STANDARD	Performance Standard V3.1			
AUDIT TYPE	Initial Certification Audit (23 – 28 September 2019)			
	 Surveillance Audit (27 – 31 December 2021) 			
	Re-Certification Audit and Scope Change (7 – 11 November 2022)			
	 Surveillance Audit (26 – 30 August 2024) Re-Certification Audit and Scope Change (9 – 11 June 2025) 			
AUDIT FIRM	DNV Business Assurance Services UK Ltd.			
AUDIT DATE	• 23 – 28 September 2019 (Initial Certification Audit)			
	 27 – 31 December 2021 (Surveillance Audit) 			
	 7 – 11 November 2022 (Re-Certification Audit and Scope Change) 			
	• 26 – 30 (Surveillance Audit)			
	• 9 – 11 June 2025 (Re-Certification Audit and Scope Change)			
AUDIT REPORT SUBMISSION	24 October 2019 (Initial Certification Audit)			
CODIVIDOTOR	• 25 April 2022 (Surveillance Audit)			
	 28 April 2023 (Re-Certification Audit and Scope Change) 			

- 11 October 2024 (Surveillance Audit)
- 27 June 2025 (Re-Certification Audit and Scope Change)

AUDIT SCOPE

Initial Certification Audit (23 - 28 September 2019)

Alumina Refining, Aluminium Smelting, Aluminium Re-melting/Refining, Casthouses, Semi-Fabrication processes managed by headquarters (China). Headquarter: Shandong Nanshan Aluminum Co., Ltd. (Nanshan Industrial Park, Longkou City, Yantai City, Shandong Province, China), H.Q. functions. The following sites/Facilities are included in the Audit Scope:

Site 1: Donghai Industrial Park, Longkou City, Yantai City, Shandong Province, China. included Facilities:

- (1). Longkou Donghai Alumina Co., Ltd. (600,000 t/a Alumina production line of Phase I).
- (2). Shandong Nanshan Aluminium Co., Ltd. (480,000 t/a electrolysis Aluminium production line of Phase IV).
- (3). Shandong Nanshan Aluminium Co., Ltd. (450,000 t/a Aluminium alloy slab production line).
- (4). Plate Company of Shandong Nanshan Aluminium Co., Ltd. (200,000 t/a Aluminium alloy plate and strip production line).

Site 2: Nanshan Industrial Park, Longkou City, Yantai City, Shandong Province, China. included Facilities:

- (1). Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (750,000 t/a hot rolling production line).
- (2). Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (600,000 t/a Aluminium alloy plate and strip production line).

Supply chain activities included in the Audit Scope:

- Alumina Refining
- Aluminium Smelting
- Aluminium Re-melting/Refining
- Casthouses
- Semi-Fabrication

All relevant Criteria in the ASI Performance Standard were included in the Audit Scope.

Surveillance Audit (27 - 31 December 2021)

The Audit Scope included Headquarter functions at Headquarters: Shandong Nanshan Co., Ltd. (China) and the following sites/Facilities:

Site 1: Donghai Industrial Park, Longkou City, Yantai City, Shandong Province, China. included Facilities:

- (1). Longkou Donghai Alumina Co., Ltd. (600,000 t/a Alumina production line of Phase I).
- (2). Shandong Nanshan Aluminium Co., Ltd. (480,000 t/a electrolysis Aluminium production line of Phase IV).
- (3). Shandong Nanshan Aluminium Co., Ltd. (450,000 t/a Aluminium alloy slab production line).
- (4). Plate Company of Shandong Nanshan Aluminium Co., Ltd. (200,000 t/a Aluminium alloy plate and strip production line).

Site 2: Nanshan Industrial Park, Longkou City, Yantai City, Shandong Province, China. included Facilities:

• (1). Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (750,000 t/a hot rolling production line).

• (2). Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (600,000 t/a Aluminium alloy plate and strip production line).

Supply chain activities included in the Audit Scope:

- Alumina Refining
- Aluminium Smelting
- Aluminium Re-melting/Refining
- Casthouses
- Semi-Fabrication

All relevant Criteria in the ASI Performance Standard were included in the Audit Scope.

Re-Certification Audit and Scope Change (7 - 11 November 2022)

The Audit Scope included the Headquarters' management functions, Longkou Donghai Alumina Co., Ltd. (600,000 t/a Alumina production line of Phase I), Shandong Nanshan Aluminium Co., Ltd. (480,000 t/a electrolysis Aluminium production line of Phase IV), Shandong Nanshan Aluminium Co., Ltd. (450,000 t/a Aluminium alloy slab production line), Plate Company of Shandong Nanshan Aluminium Co., Ltd. (200,000 t/a Aluminium alloy plate and strip production line), Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (750,000 t/a hot rolling production line), Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (600,000 t/a Aluminium alloy plate and strip production line), and Yantai Donghai Aluminum Foil Co., Ltd. (40,000 t/a high precision Aluminium and Aluminium foil production line).

Supply chain activities included in the Audit Scope:

- Alumina Refining
- Aluminium Smelting
- Aluminium Re-melting/Refining
- Casthouses
- Semi-Fabrication
- Material Conversion (Production and Transformation)

All relevant Criteria in the ASI Performance Standard were included in the Audit Scope.

Surveillance Audit (26 - 30 August 2024)

The Audit Scope included the Headquarters' management functions, Longkou Donghai Alumina Co., Ltd. (600,000 t/a Alumina production line of Phase I), Shandong Nanshan Aluminium Co., Ltd. (480,000 t/a electrolysis Aluminium production line of Phase IV), Shandong Nanshan Aluminium Co., Ltd. (450,000 t/a Aluminium alloy slab production line), Plate Company of Shandong Nanshan Aluminium Co., Ltd. (200,000 t/a Aluminium alloy plate and strip production line), Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (750,000 t/a hot rolling production line), Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (600,000 t/a Aluminium alloy plate and strip production line), and Yantai Donghai Aluminum Foil Co., Ltd. (40,000 t/a high precision Aluminium and Aluminium foil production line).

Supply chain activities included in the Audit Scope:

- Alumina Refining
- Aluminium Smelting
- Aluminium Re-melting/Refining
- Casthouses
- Semi-Fabrication
- Material Conversion (Production and Transformation)

All relevant Criteria in the ASI Performance Standard were included in the Audit Scope.

Re-Certification Audit and Scope Change (9 - 11 June 2025)

The Audit Scope included the management functions at Headquarters and the following Facilities:

- Shandong Nanshan Aluminium Co., Ltd. (450,000 t/a Aluminium alloy slab production line).
- Plate Company of Shandong Nanshan Aluminium Co., Ltd. (200,000 t/a Aluminium alloy plate and strip production line).
- Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (750,000 t/a hot rolling production line).
- Longkou Nanshan Aluminium Rolling New Material Co., Ltd. (600,000 t/a Aluminium alloy plate and strip production line).
- Yantai Donghai Aluminum Foil Co., Ltd. (40,000 t/a high precision Aluminium and Aluminium foil production line).

Supply chain activities included in the Audit Scope:

- Aluminium Re-melting/Refining
- Casthouses
- Semi-Fabrication

All relevant Criteria in the ASI Performance Standard were included in the Audit Scope.

AUDIT OUTCOME	Certification The Auditors confirm that:			
AUDIT METHODOLOGY DECLARATION				
	The information provided by the Entity is true and accurate to the best knowledge of the Auditor(s) preparing this report.			
	The findings are based on verified Objective Evidence relevant to the time period for the Audit, traceable and unambiguous.			
	The Audit Scope and audit methodology are sufficient to establish confidence that the findings are indicative of the performance of the Entity's defined Certification Scope.			
	The Auditor(s) have acted in a manner deemed ethical, truthful, accurate professional, independent and objective.			
CERTIFICATION PERIOD	9 December 2025 – 8 December 2028			
NEXT AUDIT TYPE	Surveillance Audit			
NEXT AUDIT DATE	8 December 2027			



CERTIFICATE NUMBER

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If you have an inquiry or complaint about this Certification, go to the third-party EthicsPoint portal at: https://aluminium-stewardship.ethicspoint.com/

EthicsPoint is a comprehensive and confidential reporting tool that enables complaints to be securely raised, managed and responded to. This enables anonymity to be maintained where desired by complainants, or as relevant to whistleblowing situations.

Information is available in five languages – English, French, Chinese, German and Portuguese (Brazil). Translation services provided by EthicsPoint enable complaints and correspondence to be managed in multiple languages.

ENTITY OVERVIEW

Shandong Nanshan Aluminium Co., Ltd. was founded in 1993. On December 23, 1999, it was officially listed on the Shanghai Stock Exchange (stock code: 600219), mainly producing Aluminium ingots, Aluminium profiles, plates and strips. Its production sites are located within the Nanshan Industrial Park and Donghai Industrial Park, both in Longkou City, Yantai City, Shandong Province, China. The company has always adhered to the development strategy of 'starting from a high starting point, utilizing advanced technology, and creating high-quality products', and has now formed a complete Aluminium processing industry chain from thermal power - Alumina - electrolytic Aluminium - Aluminium profiles, melting and casting - hot rolling - cold rolling - foil rolling.

The 'Entity' constitutes the Casthouse and slab production facility of the parent company Shandong Nanshan Aluminium Co., Ltd. and three subsidiary companies that together cover the activities of Aluminium melting and casting, hot and cold rolling and precision foil rolling.

Longkou Nanshan Aluminium Rolling New Material Co., Ltd. was founded in 2003, located in Nanshan Industrial Park. It is equipped with the international advanced level of Aluminium plate, strip and foil rolling production line, and the main products include high-precision tank material, decorative plate, PS plate base, curtain wall material, coating material, hard alloy plate strip, and double zero foil.

Yantai Donghai Aluminum Foil Co., Ltd. was established in 2002, located in Nanshan Industrial Park, Longkou City, Yantai City. The main equipment includes rolling mill, slitting machine, coiler, grinder, and annealing furnace. The company mainly produces high-precision Aluminium foil products, which are sold to China, the United States, Japan, Europe and other countries and regions.

Plate Company of Shandong Nanshan Aluminium Co., Ltd. was founded in 2015, located in the Donghai Industrial Park. It has installed production and supporting equipment with the planned total capacity of 350,000 tonnes, currently 200,000 tonnes of large size high-property special Aluminium alloy material production line project has been formally put into operation. It can produce 2 series, 5 series, 6 series, 7 series Aluminium alloy plate and sheet for aerospace, automotive, ship and electronic fields.

MATURITY RATINGS

A rating of maturity (low, medium or high) determined by the Auditor that provides a general assessment in terms of Systems, Residual Risk and Performance assigned to a Sustainability Component.

Maturity ratings are not a direct assessment of conformance to the Standard.

	GOVERNANCE	ENVIRONMENT	SOCIAL	COMBINED RATING
SYSTEMS	Medium	Medium	Medium	MEDIUM
RISKS	Medium	Medium	Medium	MEDIUM
PERFORMANCE	Medium	Medium	Medium	MEDIUM
OVERALL		MED	IUM	

FINDINGS

CRITERION	RATING	COMMENT
1. BUSINESS INTEGRITY		
1.1 Legal Compliance	Conformance	The Entity identifies applicable legal and other requirements and conducts quarterly Compliance evaluations.
1.2 Anti-Corruption	Conformance	The Entity has implemented Policies and procedures, such as the Management Procedure for Anti-Corruption, to identify and prevent Corruption. Personnel are trained on these processes, and training records are maintained. The Entity opposes all forms of Corruption, including Extortion and Bribery, in Compliance with Applicable Law and international standards. Additionally, the Entity has established a Policy for Labour and Business Ethics, available at: http://www.600219.com.cn/static/admin/upload/file/20250609/20250609140947_72265.pdf
1.3a-e Code of Conduct	Conformance	The Entity has implemented a Code of Conduct that outlines principles related to Environmental, Social, and Governance (ESG) performance. All employees receive training on the Code of Conduct. The Entity's ASI Management Manual indicates the Code shall be reviewed in response to any Material ESG risks arising from Business changes or identified control gaps, and at least once every five years. The most recent review was conducted during the annual management review meeting in May 2025. The Code of Conduct is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528/65245_55324.pdf
2. POLICY AND MANAGEMEN	Т	
2.1a-f Environmental, Social, and Governance Policy	Conformance	The Entity has established Policies that address ESG issues. These Policies are approved by the General Manager, and employees at all levels receive training on their contents and relevant requirements. The Policies are displayed in Chinese at the workshop and were reviewed during the annual management review meeting in May 2025. The ASI Policy is available at: http://www.600219.com.cn/static/admin/upload/file/20250609/20250609140947_72265.pdf
2.2a-c Leadership	Conformance	A senior Management Representative has been appointed and is supported by a cross-functional team comprising Human Resources, Environment, Health and Safety (EHS), Quality, and Purchasing staff to implement the ASI Performance Standard. The responsibilities and authorities of each department and key roles are clearly defined, including leadership in Policy implementation. All relevant personnel possess a sound understanding of sustainability issues.
2.3a Environmental and Social Management Systems – Environmental	Conformance	The Entity has implemented an Environmental Management System and holds a valid ISO 14001: 2015 certification.
2.3b Environmental and Social Management Systems – Social	Conformance	The Entity has established and implemented a Social Management System to address Human Rights and Labour Rights. Documented management procedures have been developed to ensure conformance with the ASI Performance Standard. For Occupational

CRITERION	RATING	COMMENT
		Health and Safety (OH&S), the Entity maintains a valid ISO 45001:2018 certification.
2.4a-e Responsible Sourcing	Conformance	The Entity has developed and implemented Policies, systems, and procedures that comply with the responsible sourcing requirements. Second-party Due Diligence audits have been conducted at major next-tier suppliers' sites as part of the supplier qualification process. The procurement team and other relevant personnel receive annual training on responsible sourcing requirements. The Entity's purchasing Policies have been incorporated into the Policy for Labour and Business Ethics, available at: http://www.600219.com.cn/static/admin/upload/file/20250609/20250609140947_72265.pdf
2.5a-g Environmental and Social Impact Assessments	Not Applicable	The Criterion is not applicable to the Entity, as there have been no New Projects or Major Changes.
2.6a-h Human Rights Impact Assessment	Not Applicable	The Criterion is not applicable to the Entity, as there have been no New Projects or Major Changes.
2.7a-f Emergency Response Plan	Minor Non- Conformance	The Entity has established and implemented a Business Continuity and Resumption Plan addressing potential risks such as fire, earthquakes, hazardous chemical leaks, extreme weather events, labour shortages and critical equipment failures. Emergency response plans have been developed in collaboration with potentially affected Stakeholder groups, including Communities, Workers, and their representatives, and are registered with the relevant government agencies. Employees receive appropriate training, and regular drills and exercises are conducted for fire, evacuation, and chemical leak scenarios. In Compliance with applicable legal requirements, the emergency response plan is reviewed and updated every three years. The Plan is available at: http://www.600219.com.cn/static/admin/upload/file/20250625/20250625161721_72915.pdf However, the Entity has only published a list of emergency plans and basic approaches, without disclosing the full plans. Stakeholders are not primarily provided access to the plans or dedicated communication channels.
2.8a-d Suspended Operations	Conformance	The Entity has established a Business Continuity and Disaster Resumption Plan to address situations where operations may need to be suspended or significantly altered due to factors beyond its control, including Material adverse environmental, social, and governance impacts. Relevant personnel receive training, and exercises are conducted to ensure preparedness. No such events have occurred in the past two years. The Plan has been reviewed during the annual management review meeting.
2.9a-b Mergers and Acquisitions	Conformance	The Entity has established a procedure for mergers and acquisitions. No such instances have occurred since 2019.

CRITERION	RATING	COMMENT
2.10a-b Closure, Decommissioning and Divestment	Conformance	The Entity has established a procedure for closure, decommissioning and divestment. No such instances have occurred since 2019.
3. TRANSPARENCY		
3.1a-b Sustainability Reporting	Conformance	The Entity's 2024 Environmental, Social and Governance (ESG) Report includes key performance indicators such as Human Rights metrics, EHS performance, number of accidents, interactions with local communities, and legal Compliance information from the local Environmental Protection Bureau. The 2024 ESG Report is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250328/20250328095543_15784.pdf
3.2 Non-compliance and Liabilities	Conformance	The Entity is a publicly listed company and discloses information on significant fines, judgments, penalties, and non-monetary sanctions for non-Compliance with Applicable Law. In Compliance with legal requirements, the Entity's Annual Report is published at: https://www.cninfo.com.cn/new/disclosure/detail?orgld=gssh0600219 &announcementId=1222881062&announcementTime=2025-03-25 A stand-alone Compliance declaration is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528165054_22741.pdf No non-Compliance incidents or liabilities were recorded in 2024.
3.3a-c Payments to Governments	Conformance	Payments to the government, such as taxes, are made in Compliance with legal and contractual requirements. These payments are publicly disclosed in the 2024 Annual Report, page 26, section 1: https://www.cninfo.com.cn/new/disclosure/detail?orgld=gssh0600219 &announcementId=1222881062&announcementTime=2025-03-25
3.4a-f Stakeholder Complaints, Grievances and Requests for Information	Conformance	The Entity has established a Complaints Resolution Mechanism, including 'whistleblowing' or complaints channels, as well as investigation and response processes. Relevant personnel receive training on these procedures. The hotline and email address are made available to both internal and external Stakeholders. No complaints have been received. The Entity's Whistleblower Management Policy, including reporting channels, is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528173000_70564.pdf
4. MATERIAL STEWARDSHIP		
4.1a Environmental Life Cycle Assessment	Minor Non- Conformance	The Entity has conducted environmental Life Cycle Assessments (LCAs), supported by its ISO 14001:2015 certified system. The OpenLCA software is used to assess lifecycle impacts for key Products, including Aluminium foil, automotive Aluminium sheets, and Aluminium beverage can bodies. However, the LCA does not include emissions factors based on the available measured values or regional grid data for the calculation of global warming potential.

CRITERION	RATING	COMMENT
4.1b-c Environmental Life Cycle Assessment - Disclosure	Conformance	The Entity has conducted 'cradle-to-gate' Life Cycle Assessments for its primary Products and prepared LCA reports in accordance with ISO 14040 and ISO 14044 standards. Summary reports, including assumptions, system boundaries, results, and sensitivity analyses, are publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250619/202506 19174444_40646.pdf http://www.600219.com.cn/static/admin/upload/file/20250610/202506 10143528_60498.pdf http://www.600219.com.cn/static/admin/upload/file/20250619/202506 19174557_40031.pdf Detailed LCA information is available upon customer request; no requests have been received to date.
4.2 Product Design	Conformance	From the outset of product design, the Entity evaluates environmental impacts across the Product life cycle and integrates sustainability objectives into its Products and processes. These objectives include reducing greenhouse gas emissions per unit, increasing recycled Aluminium content, optimising alloy composition for recyclability, improving energy efficiency, and minimising raw material and semi-finished Product Scrap. These efforts support Circular Economy outcomes. The Entity publicly discloses its contributions to the Circular Economy and related performance metrics in its annual ESG Report and its recycled Aluminium development strategy.
4.3a-b Aluminium Process Scrap	Conformance	The Entity has set a target of 100% collection, recycling, and/or reuse of Process Scrap, supported by management procedures for Scrap control, categorisation, and reuse. Through technical and management measures, the Entity has minimised Scrap generation, achieves zero landfill and zero offsite transfer, and ensures 100% recycling. All Aluminium Process Scrap is carefully categorised and recycled for remelting and further use.
4.4a-c Collection and Recycling of Products at End of Life - Material Conversion and other Manufacturing	Not Applicable	This Criterion is not applicable to the Entity's Certification Scope.
4.4d Collection and Recycling of Products at End of Life	Conformance	The Entity is committed to advancing the local Circular Economy by establishing post-consumer Aluminium dismantling and recycling facilities and collaborating with regional Aluminium recovery systems and institutions. These initiatives aim to improve the efficiency of local Aluminium recycling. The Entity plans to gradually increase the proportion of Recycled Aluminium in its Products, targeting an annual production capacity of 300,000 tonnes of Recycled Aluminium by 2028. It has also reported its progress on enhancing Aluminium recycling rates in its annual ESG Report and its Recycled Aluminium Development Strategy. available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528163402_87503.pdf

CRITERION	RATING	COMMENT
5.1a-b Disclosure of GHG Emissions and Energy Use	Conformance	The Entity has completed a comprehensive inventory of its energy consumption and Greenhouse Gas (GHG) emissions at the organisational level, in accordance with the ISO 14064 Standard. In 2024, verified GHG emissions were 1,150,027 t CO ₂ e from Aluminium foil production, 4,078,083 t CO ₂ e from medium-thick plate production, and 7,126,134 t CO ₂ e from Aluminium rolling production, covering Scope 1, Scope 2, and Scope 3 Category 1 emissions. The verification report detailing these emissions is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250610/20250610/10144105_24592.pdf http://www.600219.com.cn/static/admin/upload/file/20250610/20250610144302_20170.pdf http://www.600219.com.cn/static/admin/upload/file/20250610/20250610143905_66975.pdf
		Additionally, the Entity's total energy consumption for 2024 is disclosed in the Group's ESG Report, page 71, available at: http://www.600219.com.cn/static/admin/upload/file/20250328/2025000000000000000000000000000000000
5.2a Aluminium Smelter GHG Emissions Intensity - Started production after 2020	Not Applicable	This Criterion is not applicable to the Entity's Certification Scope.
5.2b Aluminium Smelter GHG Emissions Intensity - In production up to and including 2020	Not Applicable	This Criterion is not applicable to the Entity's Certification Scope.
5.3a GHG Emissions Reduction Plans	Conformance	The Entity has adopted the ASI-recognised methodology and used the ASI GHG Pathways Calculation Tool to develop its medium- and long-term GHG Emissions Reduction Plan and Pathway.
5.3b-e GHG Emissions Reduction Plans - Targets, review and disclosure	Minor Non- Conformance	The Entity has developed a GHG Emissions Reduction Pathway based on the ASI GHG Pathways Calculation Tool using 2024 as the baseline year and developed a 2025–2029 reduction plan that targets reductions in Scope 1, 2 and Scope 3 Category 1 emissions. To meet these targets, the Entity has implemented measures such as improving energy efficiency, optimising processes, and sourcing low carbon footprint raw materials.
		The GHG Emission Reduction Plan and Pathway, which outlines the Entity's strategies and targets, is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528164656_78549.pdf
		The Entity's annual ESG Report (page 69) provides updates on its 2024 progress and performance. The Entity is committed to conducting annual reviews and publishing updates to ensure transparency and accountability.
		However, the disclosed plans do not clearly outline how the reduction targets will be achieved.
5.4 GHG Emissions Management	Conformance	The Entity has developed a GHG Emissions Reduction Plan to guide the management of its GHG emissions, with a primary focus on energy management. Based on site observations, document reviews and

CRITERION	RATING	COMMENT
		interviews, the Entity has implemented the Plan-Do-Check-Act (PDCA) cycle to manage energy consumption and monitor the performance of its Management System, ensuring progress toward the goals set in the Plan.
6. EMISSIONS, EFFLUENTS AN	D WASTE	
6.1a-f Emissions to Air	Conformance	The Waste air generated during operations is collected and treated before discharge, with emissions complying with local limits. The Entity has implemented an air emissions management plan with measures to mitigate adverse impacts. The emissions status and improvement plan are reviewed and updated periodically, at least every 24 months, and are publicly disclosed annually. The Pollutant Emissions and Reductions Report is available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528165027_29632.pdf
6.2a-g Discharges to Water	Conformance	Discharges to water are managed within the Environmental Management System. The Entity has established water reduction targets and plans to minimise adverse impacts. The 2024 wastewater monitoring report confirms that major pollutants were monitored, and all results complied with local legal discharge limits. Wastewater discharge and improvement plans are reviewed and updated at least every 24 months and are publicly disclosed annually. The Pollutant Emissions and Reductions Report is available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528165027_29632.pdf
6.3a-g Assessment and Management of Spills and Leakages	Conformance	The Entity has assessed operational risk areas where Spills and Leakages could contaminate air, water, or soil, following the Environmental Management System's risk assessment process. Relevant management plans are established and implemented at both sites and are reviewed periodically, as well as after any Spill or Leakage event or major business change. The Spills and Leakages Identification and Risk Assessment Report is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528164758_12746.pdf The latest version of the Emergency Response Plan for Environmental Incidents is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528165116_43162.pdf
6.4a-b Public Disclosure of Spills and Leakages	Conformance	There has been no Spill or Leakage event since 2020. The Entity has established procedures for investigating, managing, and reporting Spills and Leakages, including notifying relevant Stakeholders. Impact assessments of Material Spills and Leakages, along with remediation actions taken, are published in the annual ESG Report, available at: http://www.600219.com.cn/static/admin/upload/file/20250328/20250328095543 15784.pdf
6.5a-c Waste Management and Reporting	Conformance	Waste management is addressed within the Entity's Environmental Management System. The Entity implements a Waste management strategy based on the Waste Mitigation Hierarchy, and the disposal of Hazardous Waste complies with legal requirements. Information on Waste generation and disposal is publicly disclosed in the Pollutant Emissions and Reductions Report, available at:

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		http://www.600219.com.cn/static/admin/upload/file/20250528/20250 528165027_29632.pdf
6.6a-g Bauxite Residue	Not Applicable	This Criterion is not applicable to the Entity's Certification Scope.
6.7a-f Spent Pot Lining (SPL)	Not Applicable	This Criterion is not applicable to the Entity's Certification Scope.
6.8a-d Dross	Conformance	Aluminium recovered from Dross pressing is recycled in the Entity's melting furnaces. The remaining material is sold to external Dross processors for further Aluminium extraction, which can then be used to produce Aluminium alloying ingots.
7. WATER STEWARDSHIP		
7.1a-b Water Assessment and Disclosure	Conformance	The Entity sources its water from the municipal supply, with usage tracked and documented. A government agency has granted the legally required Permit for Water Discharge into the Public Drainage System. Water risk assessments have been conducted, taking into account the Entity's industrial park location, surrounding land, and waterways within its Area of Influence. Given the nature of its Products, production processes, and the use of closed-loop water management systems at most sites, the overall water-related risk is considered low. The Entity's water balance is available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528165002_10887.pdf The Water Resources Risk Assessment Report is available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528/20250528164939_78727.pdf
7.2a-e Water Management	Not Applicable	This Criterion is not applicable, as no significant water-related risks were identified within the Entity's Area of Influence.
8. BIODIVERSITY AND ECOSY	STEM SERVICES	
8.1a Biodiversity and Ecosystem Services Risk and Impact Assessment	Conformance	A qualified Third Party has conducted an Environmental Impact Assessment (EIA) that evaluated the Entity's Biodiversity and Ecosystem Services risks and impacts. The local environmental protection agency has approved the EIA report. Based on the EIA findings and Biodiversity risk assessment results, the Entity's Area of Influence does not include any Biodiversity-sensitive areas. Located within a Government-planned industrial zone with an operational Environmental Management System, the Entity is considered to have a low level of environmental risk.
8.1b Biodiversity and Ecosystem Services Risk and Impact Assessment - Priority	Not Applicable	This Criterion is not applicable, as the Entity's Biodiversity Assessment Report identified the risk and potential impacts on Biodiversity and Ecosystem Services as low.
8.2a-g Biodiversity Management	Not Applicable	This Criterion is not applicable, as the Entity's Biodiversity Assessment Report identified the risk and potential impacts on Biodiversity as low.

CRITERION	RATING	COMMENT
8.3a-c Management of Priority Ecosystem Services	Not Applicable	This Criterion is not applicable, as no Priority Ecosystem Services have been identified.
8.4 Alien Species	Conformance	The primary carrier medium (wooden pallets) undergoes treatment to eliminate the risk of introducing Alien Species.
8.5a-b Commitment to "No Go" in World Heritage Properties	Conformance	In its ASI Management Manual, the Entity commits not to explore, develop New Projects, or make Major Changes within World Heritage Properties. There are no World Heritage Properties within the Entity's Area of Influence.
8.6a-d Protected Areas	Conformance	In its ASI Management Manual, the Entity commits to protecting the environment. According to the Environmental Impact Assessment Report approved by the local Environmental Protection Agency, there are no Protected Areas within the Entity's Area of Influence.
8.6e Protected Areas - Bauxite Mining	Not Applicable	This Criterion is not applicable to the Entity's Certification Scope.
8.7a-i Mine Rehabilitation	Not Applicable	This Criterion is not applicable to the Entity's Certification Scope.
9. HUMAN RIGHTS		
9.1a-d Human Rights Due Diligence	Conformance	The Entity has implemented a Policy with commitment to respecting Human Rights, including gender equity, and has communicated the Policy to all employees. The Policy is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250609/20250609140947_72265.pdf The Entity has established and implemented a Human Rights Due Diligence process, which includes mapping Affected Populations and Organizations. Human Rights risks are identified and assessed, with major risks found primarily within the supply chain. The Entity's Supplier Code of Conduct is communicated to major suppliers, and mitigation measures, such as supplier audits, are in place. Audit reports indicate no adverse cases, and no negative media coverage related to Human Rights issues involving the Entity or its major suppliers has been identified. The Human Rights Due Diligence process is reviewed annually during management review meetings. Through its Compliance management and risk control procedures, the Entity has identified Affected Populations and Organisations, including neighbouring Businesses and employees near its plant locations. The Human Rights Risk Assessment Report concludes that the Entity's impact on Human Rights within its Area of Influence is minimal. The Entity maintains regular communication and cooperative relationships with Affected Populations and Organisations through the management committee of the industrial zone in which it operates. The Human Rights Impact Assessment Report is available at: http://www.600219.com.cn/static/admin/upload/file/20250610/20250610144552_24243.pdf Online searches have revealed no negative information regarding Human Rights issues involving the Entity or its Affected Populations and Organisations.

CRITERION	RATING	COMMENT
9.2a-e Gender Equity and Women's Empowerment	Conformance	The Entity has implemented Policies to uphold women's rights and a programme to promote gender equity and women's empowerment throughout the entire employment process. No complaints have been received from women Workers. Interviews with women employees confirmed their awareness of their rights, and no negative feedback was reported. The Entity evaluates its gender equity and women's empowerment programme annually, with the most recent assessment completed in May 2025. The report is publicly available at: http://www.600219.com.cn/static/admin/upload/file/20250919/20250919084520_51613.pdf
9.3a-i Indigenous Peoples	Not Applicable	This Criterion is not applicable to the Entity, as there are no Indigenous Peoples within the Entity's Area of Influence.
9.4a Free, Prior, and Informed Consent (FPIC) - New Projects or Major Changes	Not Applicable	This Criterion is not applicable to the Entity, as there are no Indigenous Peoples within the Entity's Area of Influence.
9.4b Free, Prior, and Informed Consent (FPIC) - Bauxite Mining	Not Applicable	This Criterion is not applicable to the Entity's Certification Scope.
9.4c Free, Prior, and Informed Consent (FPIC) - Demonstrate support	Not Applicable	This Criterion is not applicable to the Entity, as there are no Indigenous Peoples within the Entity's Area of Influence.
9.5a Cultural and Sacred Heritage – Identification	Conformance	The Entity has implemented a procedure to identify sacred or cultural heritage sites and conduct risk assessments aimed at minimising potential impacts on these sites. A Buddha statue is located approximately 10 kilometres from the Nanshan Industrial Zone, and a Buddha temple approximately 7 kilometres from the Donghai Industrial Zone. The risk assessment outcomes, along with feedback from the local Religious Affairs Bureau, confirmed that the Entity's operations have no impact on either site. The Buddha statue, Buddha temple, and nearby residential communities are all located outside the Entity's Area of Influence.
9.5b Cultural and Sacred Heritage – Impacts	Not Applicable	This Criterion is not applicable to the Entity, as the risk assessment, supported by feedback from the local Religious Affairs Bureau, indicates that its operations have no significant impact on the two religious sites.
9.6a-i Displacement	Not Applicable	This Criterion is not applicable to the Entity, as it has no history of projects causing Resettlement or Displacement.
9.7a-h Affected Populations and Organisations	Conformance	The Entity has established a Policy with committment to respect the legal and customary rights and interests of Local Communities, including their lands, livelihoods, and use of natural resources. Compliance management and risk control procedures have been implemented to identify, prevent, monitor, and mitigate potential impacts from its activities, covering health and safety, social and cultural Human Rights, and environmental aspects. The Entity collaborates closely with the Industrial Estate Management Committee and engages Affected Populations and Organisations in

CRITERION	RATING	COMMENT
		the development of management plans, such as the Safety Contingency Plan and the Environmental Contingency Plan. Additionally, the Entity actively supports the Local Community, such as visiting elderly residents during festivals.
		The primary impact on neighbouring populations arises from environmental effects, particularly air emissions from production activities. To mitigate this, the Entity has implemented an environmental control plan in Compliance with legal requirements. Implementation is regularly monitored and reported to the Environmental Protection Agency.
		The map of Affected Populations and Organisations and the management plan are available at: http://www.600219.com.cn/static/admin/upload/file/20250610/202506 10143058 95910.pdf
9.8a Conflict-Affected and High-Risk Areas - Strong management systems	Conformance	The Entity commits to avoiding conflict minerals and minerals from high-risk areas, and communicates this commitment throughout the Aluminium value chain. Its Management System, including a supply chain Policy, defined responsibilities, allocated resources, information gathering, and supplier engagement, has been established and implemented by the Entity.
9.8b Conflict-Affected and High-Risk Areas - Identify and assess risks	Conformance	In Compliance with the Management Procedure for Minerals Prohibited from Use in Conflict Areas, the Entity has mapped its supply chain and conducts a risk assessment of Conflict-Affected and High- Risk Areas (CAHRAs). The risk assessment report has identified no red flags in the supply chain.
9.8c Conflict-Affected and High-Risk Areas - Strategy to respond to risks	Conformance	The Management Procedure for Minerals Prohibited from Use in Conflict Areas has defined the strategy for responding to identified risks, with different actions applied according to risk levels. The risk assessment report has identified no red flags.
9.8d Conflict-Affected and High-Risk Areas - Audit of due diligence	Conformance	As part of the supplier Due Diligence process, the Entity has identified major next-tier suppliers, established a supplier audit plan, and conducted second-party Due Diligence audits at these suppliers' sites, using CAHRAs criteria. Its 2024 and 2025 risk assessment records and audit reports indicates that no materials originate from CAHRAs, and the risk of conflict minerals is low.
9.8e Conflict-Affected and High-Risk Areas - Report annually	Conformance	The Entity has established a mechanism is to report annually on its supply chain Due Diligence. The performance is presented in the Annual ESG Report, page 56 available at: http://www.600219.com.cn/static/admin/upload/file/20250328/20250328095543_15784.pdf
9.9 Security practice	Conformance	The Entity is committed to respecting Human Rights in its engagement with public and private security providers. Both the service agreement with the security company and the labour contracts of security personnel clearly define their primary role, which is to protect people, property, and assets while upholding Human Rights.
10. LABOUR RIGHTS		

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10.1a-c Freedom of Association and Right to Collective Bargaining	Not Applicable	This Criterion is not applicable to the Entity, as the right to Freedom of Association and Collective Bargaining is addressed in accordance with Chinese Applicable Law.
10.1d Freedom of Association and Right to Collective Bargaining - Alternative means in context of Applicable Law	Conformance	The Entity demonstrates respect for the rights to Freedom of Association and Collective Bargaining. Elected Worker representatives engage with management on behalf of employees. There are 26 representatives, including four women.
10.2a-c Child Labour	Conformance	Based on the roster, site observations, and interviews with sampled Workers, the youngest employee is 22 years old and joined the Entity in March 2024. No Child Labour was identified. In China, the minimum working age is 16. The Entity has established a Child Labour Policy, and age verification is conducted through ID card checks and interviews. Copies of ID cards are stored in personal files as evidence of age verification.
10.3a-c Forced Labour	Conformance	The Entity has developed a Policy prohibiting Forced Labour, including Human Trafficking, and commits to compliance with this prohibition, both internally and with its suppliers. Based on interviews with Workers and management, document reviews, and site observations, the Entity neither engages in nor supports Forced Labour or Human Trafficking. Workers are hired directly, do not pay fees to secure employment, and are not required to make deposits or take out loans. They retain control of their identity documents, and their freedom of movement is respected. Workers can freely terminate employment with prior notice. The Entity's Modern Slavery Statement for 2024 is available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528164836_23894.pdf
10.4a-c Non-Discrimination	Conformance	The Entity is committed to anti-Discrimination, with a Policy banning Discrimination. Recruitment advertisements and training plans emphasise equal opportunities in hiring and training. Interviews with female Workers confirm they receive equal pay and promotional opportunities as male Workers, are not required to undergo pregnancy tests, and face no Discrimination related to maternity leave. All interviewed Workers report no Discrimination complaints and feel they are treated equally, including equal pay for equal work.
10.5 Communication and engagement	Conformance	The Entity has established direct and frequent communication with Workers and their representatives. Workers have access to channels where they can raise complaints and concerns about working conditions, workplace issues, and compensation, without fear of reprisal, intimidation, or Harassment.
10.6a-g Violence and Harassment	Conformance	The Entity respects its employees, ensuring that disciplinary measures comply with legal requirements and are confirmed by the involved Workers. The Entity does not tolerate corporal punishment, coercion, Harassment, gender-based Violence (including sexual Harassment), or verbal abuse of Workers. The Policy on Violence and Harassment is included in the Entity's ASI Policy, available at: http://www.600219.com.cn/static/admin/upload/file/20250609/20250609140947 72265.pdf

CRITERION	RATING	COMMENT
10.7a-c Remuneration	Conformance	The Entity has a clearly defined wage structure, with the basic wage exceeding the legal minimum. Total remuneration meets the Workers' basic needs. All Workers are enrolled in the mandatory social insurance scheme. Wage payments are documented and made by bank transfer within the following month, in Compliance with legal requirements.
10.8a-c Working Time	Conformance	Working hours at the Entity are recorded using a facial recognition system and are monitored to ensure Compliance with Chinese labour laws.
10.9a-b Informing Workers of Rights	Conformance	The Entity informs Workers of their rights through orientation and ongoing training.
11. OCCUPATIONAL HEALTH A	ND SAFETY	
11.1a Occupational Health and Safety (OH&S) Management System	Conformance	The Entity has established, implemented, and maintains an Occupational Health and Safety (OH&S) Management System, which is continually improved. Each site within the Certification Scope hold a valid ISO 45001:2018 certification. On-site observations, document reviews, and interviews with management and Workers confirm that the OH&S Management System is effective in preventing workplace hazards, promoting a safe and healthy environment, and ensuring Compliance with relevant regulations and standards.
11.1b-e Occupational Health and Safety (OH&S) Management System - Reviews and disclosure	Conformance	The Entity periodically evaluates its Occupational Health and Safety (OH&S) Management System through monthly safety meetings, annual legal Compliance checks, internal audits, and management review meetings. If any control gaps are identified, a comprehensive analysis is conducted to determine the need for corrective or preventive actions. This proactive approach ensures prompt resolution of any issues. The Entity has published its OH&S objectives and targets for 2024, along with its performance in comparison to industry peers and best practices, available at: http://www.600219.com.cn/static/admin/upload/file/20250528/20250528164745 30269.pdf
11.2 Employee engagement on Health and Safety	Conformance	The Entity has a system for Worker consultation and participation in OH&S. Worker representatives attend monthly health and safety meetings, where management addresses their concerns and advice on OH&S issues.

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REVISION	DATE	NOTES	
0	9 December 2019	Issued (Full Certification)	
1	16 July 2020	Hyperlinks updated for criteria 5.1 and 5.3	
2	3 June 2022	Surveillance Audit	
3	24 May 2023	Re-Certification Audit and Scope Change – Full Certification. Scope Change to include Yantai Donghai Aluminum Foil Co., ltd. (40,000 t/a high precision Aluminium and Aluminium foil production line), China as a transfer from Certificate 17 (certification period validity of 29 January 2019 – 28 January 2025), and the Supply Chain Activity 'Material Conversion (Production and Transformation)'.	
4	31 October 2024	Surveillance Audit	
5	17 November 2025	Re-Certification Audit and Scope Change – Full Certification Scope Change to remove Longkou Donghai Alumina Co., Ltd. (600,000 t/a Alumina production line of Phase I)., Shandong Nanshan Aluminum Co., Ltd. (480,000 t/a electrolysis Aluminium production line of Phase IV) and the associated Supply Chain Activities 'Alumina Refining', and 'Aluminium Smelting'. 'Material Conversion (Production and Transformation)' removed to correct the activities of the Yangtai Donghai Aluminum Foil Co., Ltd. site.	