ASI CERTIFICATION PERFORMANCE STANDARD



PRESENTED TO

YUNNAN ALUMINIUM CO., LTD.

CERTIFICATE NUMBER

260

ASI STANDARD

PERFORMANCE STANDARD (V3 2022)

DATE OF ISSUE

19 MAY 2023

CERTIFICATION LEVEL

CERTIFICATION

DATE OF EXPIRY

18 MAY 2026

ASI ACCREDITED AUDITING FIRM

DNV BUSINESS ASSURANCE SERVICES UK LTD.

CERTIFIED SINCE

19 MAY 2023

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

Yunnan Aluminium Co., Ltd. is located in Kunming, Yunnan Province (China). The seven entities included are distributed across six prefectures of Yunnan:

Yunnan Wenshan Aluminium Co., Ltd., located in the Wenshan Zhuang and Miao Autonomous Prefecture, is mainly engaged in Bauxite Mining, Aluminium smelters and Aluminium foundries.

Yangzonghai Aluminium Electrolysis Branch of Yunnan Aluminium Industry Co., Ltd. mainly operates Aluminium smelters and Aluminium foundries.

Yunnan Yunlv Runxin Aluminium Co., Ltd., located in the Honghe Prefecture, mainly operates Aluminium smelters and Aluminium foundries Yunnan Yunlv Zexin Aluminium Co., Ltd., located in Qujing City, mainly operates Aluminium smelters and Aluminium foundries

Qujing Yunlv Yuxin Aluminium Co., Ltd., located in Qujing City, mainly operates Aluminium smelters and Aluminium foundries.

Yunnan Yunlv Haixin Aluminium Co., Ltd., located in Zhaotong City, mainly operates Aluminium smelters and Aluminium foundries.

Heqing Yixin Aluminium Co., Ltd., located in Dali Bai Autonomous Prefecture, mainly operates Aluminium smelters and Aluminium foundries.

AUDIT REPORT PERFORMANCE STANDARD

OVERVIEW

MEMBER NAME	YUNNAN ALUMINIUM CO., LTD.			
ENTITY NAME	YUNNAN ALUMINIUM CO., LTD.			
CERTIFICATION SCOPE	Yunnan Aluminium Co., Ltd. is located in Kunming, Yunnan Province (China). The seven entities included are distributed across six prefectures of Yunnan:			
	Yunnan Wenshan Aluminium Co., Ltd., located in the Wenshan Zhuang and Miao Autonomous Prefecture, is mainly engaged in Bauxite Mining, Aluminium smelters and Aluminium foundries.			
	Yangzonghai Aluminium Electrolysis Branch of Yunnan Aluminium Industry Co., Ltd. mainly operates Aluminium smelters and Aluminium foundries.			
	Yunnan Yunlv Runxin Aluminium Co., Ltd., located in the Honghe Prefecture, mainly operates Aluminium smelters and Aluminium foundries.			
	Yunnan Yunlv Zexin Aluminium Co., Ltd., located in Qujing City, mainly operates Aluminium smelters and Aluminium foundries.			
	Qujing Yunlv Yuxin Aluminium Co., Ltd., located in Qujing City, mainly operates Aluminium smelters and Aluminium foundries.			
	Yunnan Yunlv Haixin Aluminium Co., Ltd., located in Zhaotong City, mainly operates Aluminium smelters and Aluminium foundries.			
	Heqing Yixin Aluminium Co., Ltd., located in Dali Bai Autonomous Prefecture, mainly operates Aluminium smelters and Aluminium foundries.			
SUPPLY CHAIN ACTIVITIES	Bauxite Mining			
	Alumina Refining Alumina Constitute			
	Aluminium SmeltingAluminium Re-melting/Refining			
	Casthouses			
	Semi-Fabrication			
ASI STANDARD	Performance Standard V3			
AUDIT TYPE	Initial Certification Audit (9 - 28 October 2022)			
	• Surveillance Audit (17 – 25 March 2025)			
AUDIT FIRM	DNV Business Assurance Services UK Ltd.			
AUDIT DATE	9 October - 28 October 2022 (Initial Certification Audit)			
	• 17 – 25 March 2025 (Surveillance Audit)			
AUDIT REPORT	16 January 2023 (Initial Certification Audit)			
SUBMISSION	2 July 2025 (Surveillance Audit)			

Audit Scope

Initial Certification Audit (9 - 28 October 2022)

The Audit Scope covers the headquarters of Yunnan Aluminium Co., Ltd. and the seven entities of Yunnan Wenshan Aluminium Co., Ltd., Yunnan Aluminium Co., Ltd. - Yangzonghai Aluminium Electrolysis Branch, Yunnan Yunlv Runxin Aluminium Co., Ltd., Yunnan Yunlv Zexin Aluminium Co., Ltd., Qujing Yunlv Yuxin Aluminium Co., Ltd., Yunnan Yunlv Haixin Aluminium Co., Ltd., and Heqing Yixin Aluminium Co., Ltd..

Supply chain activities included in the Audit Scope:

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

All applicable criteria in the ASI Performance Standard were included in the Audit Scope.

Surveillance Audit (17 - 25 March 2025)

The Audit Scope covered the following sites using the ASI multi-site sampling approach, the headquarters of Yunnan Aluminium Co., Ltd. and four entities, Yangzonghai Aluminium Electrolysis Branch, Yunnan Aluminium Co., Ltd., Yunnan Wenshan Aluminium Co., Ltd., and Yunnan Yunlv Runxin Aluminium Co., Ltd..

Supply chain activities included in the Audit Scope:

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

Criteria that were identified as non-conformities from the previous Audit were included in the Audit Scope.

AUDIT OUTCOME

Certification

AUDIT METHODOLOGY DECLARATION

The Auditors confirm that:

- ☑ 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.

professional, macpendent and objective.			
CERTIFICATION PERIOD	19 May 2023 - 18 May 2026		
NEXT AUDIT TYPE	Re-Certification Audit		
NEXT AUDIT DATE	18 May 2026		
CERTIFICATE NUMBER	260		



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

Yunnan Aluminium Co., Ltd (the 'Entity') was founded in 1970 and listed in 1998 (Stock Code: 000807). In December 2018, Yunnan Aluminium Co., Ltd officially became a member of Aluminium Corporation of China (Chinalco), which is a State-owned group. All sites in the Certification Scope are in Yunnan Province, China.

Over the recent years, the Entity has been committed to the Policy of green and low-carbon development. It followed the philosophy of building a low-carbon, clean and sustainable integrated Aluminium industry for the whole industrial chain.

The Entity is a major supplier of hydropower Aluminium in the domestic market, a major manufacturer of ultra-thin Aluminium foil in China and a national industry standard maker of Casting Aluminium alloy ingot. Its high-grade, customised and standardised Aluminium ingots and Aluminium materials are widely used in the defence and military industry, aerospace, rail transportation, electronics industry and other fields, of which, A356 Casting Aluminium alloy has maintained its leading position in the domestic market.

The following provides an overview of the supply chain activities and Products of each of the Facilities within the Certification Scope: Yunnan Wenshan Aluminium Co., Ltd. is located in Gaodeng Road, North District of Wenshan City, Wenshan Zhuang and Miao Autonomous Prefecture, Yunnan Province. It is mainly engaged in Bauxite Mining, Aluminium smelters and Aluminium foundries for the production of Aluminium oxide for electrolysis, liquid Aluminium, Aluminium ingots for remelting and Aluminium alloy ingots for Casting.

Yangzonghai Aluminium Electrolysis Branch of Yunnan Aluminium Industry Co., Ltd. is located in Yunnan Aluminium Industry Co., Ltd. and mainly operates Aluminium smelters and Aluminium foundries for the production of liquid Aluminium, cast Aluminium alloy ingots and electrician round Aluminium rod, Aluminium and Aluminium alloy welding materials.

Yunnan Yunlv Runxin Aluminium Co., Ltd. is located in Datun Town, Gejiu City, Honghe Prefecture, Yunnan Province. It mainly operates Aluminium smelters and Aluminium foundries for the production of liquid Aluminium, Casting Aluminium alloy ingots and deformed Aluminium alloy ingots.

Yunnan Yunlv Zexin Aluminium Co., Ltd. is located in Situn community, Shengjing street, Fuyuan County, Qujing City, Yunnan Province. It mainly operates Aluminium smelters and Aluminium foundries for the production of liquid Aluminium, remelting Aluminium ingots, Casting Aluminium alloy ingots and deformed Aluminium alloy ingots.

Qujing Yunlv Yuxin Aluminium Co., Ltd. is located in Baishui Town, Zhanyi District, Qujing City, Yunnan Province. It mainly operates Aluminium smelters and Aluminium foundries for the production of liquid Aluminium and Aluminium ingots for remelting.

Yunnan Yunlv Haixin Aluminium Co., Ltd. is located in the mining and metallurgical processing base of Zhaoyang Industrial Park, Zhaotong City, Yunnan Province. It mainly operates Aluminium smelters and Aluminium foundries for the production of liquid Aluminium, Aluminium ingots for remelting, cast Aluminium alloy ingots and deformed Aluminium alloy ingots.

Heqing Yixin Aluminium Co., Ltd. is located in Qiping village, Qiping village committee, Xiyi Town, Heqing County, Dali Bai Autonomous Prefecture, Yunnan Province. It mainly operates Aluminium smelters and Aluminium foundries for the production of liquid Aluminium, Aluminium ingots for remelting and cast Aluminium alloy ingot.

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	High	Medium	MEDIUM
OVERALL		MED	IUM	

FINDINGS

CRITERION	RATING	COMMENT
1. BUSINESS INTEGRITY		
1.1 Legal Compliance	Conformance	The Entity has developed and implemented comprehensive Policies, systems, procedures, and processes to ensure full compliance with applicable legal requirements, regulations, and other obligations, including customer requirements. The legal compliance department is responsible for overseeing the implementation of these laws and regulations within the organisation and conducts an annual legal compliance review to ensure adherence.
		The Entity has successfully identified all Applicable Laws, regulations, and requirements, and no significant compliance issues have been reported within the Entity.
		Information regarding the Entity's compliance performance is disclosed in the 2024 Environmental, Social, and Governance (ESG) Report, pages 27-28: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P02025 0506613195891211.pdf
1.2 Anti-Corruption	Conformance	The Entity has developed and implemented Policies and procedures for identifying and preventing Corruption, including the "Guidelines for Anti-Corruption Risk Prevention and Control Procedure". In accordance with Applicable Laws and current standards, the Entity strives to combat various forms of Corruption, including Extortion and Bribery.
		Based on the improper conduct register and regular internal control audit reports, there have been no reported cases of Corruption in 2023 and 2024.
1.3a-e Code of Conduct	Conformance	The Entity has implemented a Code of Conduct at the Group level, which includes principles related to ESG performance. The Entity has implemented adequate measures, including training and communication, to raise awareness of the code amongst business partners and suppliers. The Code of Conduct is available for all interested Stakeholders on the website at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/t20240722_132640.ht ml
2. POLICY AND MANAGEM	ENT	
2.1a-f Environmental, Social, and Governance Policy	Conformance	The Entity has established comprehensive Environmental, Social, and Governance (ESG) Policies, formally endorsed by senior management, to ensure alignment with the ASI Performance Standard. These Policies are communicated internally to all employees and publicly disclosed on the Entity's website, accessible at https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P020240722305767854210.pdf The Entity is committed to reviewing these Policies annually, as well as in response to significant Business changes that impact ESG risks or when control deficiencies are identified.
2.2a-c Leadership	Conformance	The Entity has appointed the Group Senior Vice President as the ASI Management Representative for the entire Group. At the subsidiary level, the responsibility is assigned to either the departmental or the deputy vice-general manager of each plant. These representatives

CRITERION	RATING	COMMENT
		are responsible for implementing the ASI Standards within their respective units and ensuring the effective communication of ASI-related Policies across the organisation.
		To support this effort, a cross-departmental ASI Working Group has been established at both headquarters and subsidiary levels, facilitating the consistent implementation of ASI Standards throughout the Entity. ASI-related Policies and management procedures are also systematically communicated to employees through targeted training programs, ensuring organisation-wide awareness and understanding. This structured approach highlights the Entity's dedication to ASI principles and sustainability objectives.
2.3a Environmental and Social Management Systems - Environmental	Conformance	The Entity's headquarters and all subsidiaries have implemented and documented an Environmental Management System and hold valid ISO 14001:2015 certificates.
2.3b Environmental and Social Management Systems - Social	Conformance	A Social Management System has been established and implemented. Social and Occupational Health and Safety impacts are identified and assessed, and the associated management provisions for preventing and/or mitigating these impacts are established and implemented.
2.4a-e Responsible Sourcing	Minor Non- Conformance	The Entity has implemented Policies, systems, and procedures aligned with responsible sourcing requirements, identifying key suppliers and associated risks within the supply chain. Responsible sourcing practices are evaluated through Due Diligence audits, commitment letters, and questionnaires, with annual training provided to procurement staff. Purchasing Policies, part of the Entity's Code of Conduct for Suppliers which is available at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P020240722305767846732.pdf
		The Code and related Policies are reviewed annually or in response to significant changes in Business risks or control deficiencies. However, there is currently no evidence that labour and Human Rights audits of labour service agencies have been conducted to ensure compliance with the Code of Conduct for Suppliers.
2.5a-g Environmental and Social Impact Assessments	Not Applicable	This Criterion is not applicable to the Entity. Since the last Audit, within the scope of Facilities sampled for this Surveillance Audit, the Entity has neither developed New Projects nor undergone significant changes in Facilities in recent years. Information regarding Environmental and Social Impact Assessments at the group level, as well as related issue management plans, has been publicly disclosed in the group's annual ESG report, sections 'Materiality Analysis', 'Environmental Protection', and 'Community Management'.
		The Entity has implemented an ISO 14001 and ISO 45001 Management System, and environmental aspects, health and safety risk and control plans are reviewed and modified annually. Since 2017, the Entity has conducted Social Impact Assessments for New Projects or Major Changes to existing Facilities in accordance with local regulatory requirements. The Entity commits to review the environmental and social impact management plan on any changes to the Business that alter Material ESG risks, as well as any indication of a control gap.

CRITERION	RATING	COMMENT
		The Entity's 2024 ESG Report is available at: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P02025 0506613195891211.pdf
2.6a-h Human Rights Impact Assessment	Not Applicable	This Criterion is not applicable to the Entity. Since the last Audit, no New Projects or significant Facility changes have occurred, as confirmed during the recent Surveillance Audit. Information regarding Environmental and Social Impact Assessments at the group level, as well as related issue management plans, has been publicly disclosed in the group's annual ESG report, sections 'Sustainability Performance' and 'Community Relations', which provide detailed information on Human Rights management, including gender equality and relevant performance metrics.
		The Entity has implemented documented procedures to identify and assess risks related to Human Rights and business ethics, establishing appropriate control measures in line with the ASI Performance Standard and legal requirements. A dedicated management plan for Human Rights has been developed and is actively implemented.
		The Entity's leadership is committed to periodically reviewing these plans and re-evaluating them in response to significant Business changes that may introduce Material Human Rights risks or reveal control gaps.
		The Entity's 2024 ESG Report is publicly available at: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P020250506613195891211.pdf
2.7a-f Emergency Response Plan	Minor Non- Conformance	The Entity has implemented a comprehensive Business Continuity and Resumption Plan addressing risks such as fire, earthquakes, hazardous chemical leaks, extreme weather, labour shortages, and key equipment breakdowns. These Emergency Response Plans have been developed collaboratively with potentially affected stakeholder groups, including Local Communities, Workers, and their representatives.
		In compliance with the Environmental, Health, and Safety (EHS) Management System requirements, all subsidiaries have established emergency response plans for EHS issues, registered them with relevant government agencies, and ensured alignment with legal requirements. Employees receive regular training on emergency procedures, and drills are conducted for scenarios such as fires, chemical leaks, and evacuations. Any issues identified during these exercises or desk reviews are promptly rectified, and plans are revised as needed. The Entity also commits to re-evaluating its emergency response plans whenever internal changes alter the scope of potential risks.
		To ensure transparency, the latest version of the Emergency Response Plan is posted at the main entrances of all Facilities, detailing environmental and safety risks and corresponding response measures.
		However, the information available on the Entity's website regarding the overall Emergency Response Plan is considered insufficient and drills of the emergency response plan are not adequate. https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P020240722305767867177.pdf
2.8a-d Suspended Operations	Conformance	The Entity has developed a Business Continuity and Resumption Plan to address situations where it may have to suspend or significantly

CRITERION	RATING	СОММЕНТ
		alter operations due to factors outside its control. The Entity is committed to complying with Applicable Law and adhering to company Policies on employee redundancies, whilst, while also consulting with employee organisations. The Business Continuity and Resumption Plan will be reviewed in the event of Material ESG risks caused by Business changes or any indication of a control gap and shall be reviewed within 18 to 24 months from the last review. No suspension activity has occurred in the past three years.
2.9a-b Mergers and Acquisitions	Conformance	The Entity has established a management procedure for mergers and acquisitions (equity investment and property management procedures). Senior management commits to conducting Due Diligence processes for mergers and acquisitions as necessary and reviews its ESG practices, including those associated with Historic Aluminium Operations. No merger or acquisition activity has occurred in the past three years.
2.10a-b Closure, Decommissioning and Divestment	Conformance	The Entity has established a management procedure for closure, decommissioning and divestment. No such activity has occurred in the past three years.
3. TRANSPARENCY		
3.1a-b Sustainability Reporting	Conformance	The Entity has established and implemented a Materiality screening process, where key concerns of Stakeholders are identified, such as air pollution, and Hazardous Waste management, etc. The management approach and performance information of Material issues are disclosed in the 2024 ESG report, which is publicly available at: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P020250506613195891211.pdf
3.2 Non-compliance and Liabilities	Conformance	The Entity is a listed company on the local stock exchange. The Entity publicly disclose information on significant fines, judgments, penalties and non-monetary sanctions for failure to comply with Applicable Law. There are no significant fines or penalties imposed on the Entity as reported in the 2024 ESG Report, page 29: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P020250506613195891211.pdf
3.3a-c Payments to Governments	Conformance	The Entity has not, nor on its behalf, made payments to governments other than on a legal and/or contractual basis. The Entity's semi-annual/annual accounting report is publicly disclosed on the China Securities Regulatory Commission Information Disclosure Platform (CNINFO) website as legally required: https://www.cninfo.com.cn/new/disclosure/stock?stockCode=000807&orgld=gssz0000807&sjstsBond=false#periodicReports
3.4a-f Stakeholder Complaints, Grievances and Requests for Information	Conformance	A Complaints/grievance receiving and handling mechanism has been established and implemented effectively. The complaint resolution process is specified in the ASI PS Manual and online at: https://ylgf.chinalco.com.cn/gywm/lxwo
		And 2024 ESG Report, page 24: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P02025 0506613195891211.pdf

CRITERION	RATING	COMMENT
		To date, there have been no significant complaints received. Complaints, grievances, Stakeholders' concerns and resolution approaches are reviewed annually in the ASI management review meeting. The Entity commits to review the complaint resolution after any changes to the Business that alter Material ESG risks, as well as if there is any indication of a control gap.
4. MATERIAL STEWARDSHIP		
4.1a Environmental Life Cycle Assessment	Minor Non- Conformance	The Entity has conducted an Environmental Life Cycle Assessment (LCA) as part of its commitment to sustainable environmental management, supported by an ISO 14001:2015 certified Environmental Management System to identify and evaluate environmental impacts and risks. Lifecycle Impact Assessments for its primary Product, electrolytic Aluminium ingots, are conducted using GaBi software, with reports prepared in accordance with ISO 14040 and ISO 14044 standards. However, the Entity has not clearly defined the criteria for determining its 'main products', leading to the omission of Lifecycle Impact Assessments for other Products, such as Aluminium alloy welding
		materials.
4.1b-c Environmental Life Cycle Assessment - Disclosure	Conformance	The cradle-to-gate life cycle impact of the Entity's main Products has been assessed, and the Entity's LCA Report is based on the principles prescribed in ISO 14040 and ISO 14044 standards. The condensed LCA Report discloses key information such as the underlying assumptions and system boundaries, and is available at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P02025060654585002 2553.pdf The Entity confirms that, subject to the terms of the relevant contract, adequate cradle-to-gate LCA information on its Aluminium Products will be made available to the customer upon request. As confirmed through Audit interviews and document review, there has been no such request received to date.
4.2 Product Design	Conformance	From the initial design stage, the Entity has considered the environmental impact of its products throughout their lifecycle and incorporated sustainable development goals such as reducing Greenhouse Gas (GHG) emissions intensity per unit product, increasing the proportion of Recycled Aluminium in products, enhancing mineral resource utilisation, and reducing waste emissions into product design and production process design to improve the outcomes of the circular economy. The Entity has disclosed its contributions and performance regarding the circular economy in product design, process design, and mining development in its ESG Report.
4.3a-b Aluminium Process Scrap	Conformance	The Entity has established a target for the collection, recycling and/or re-use of process Scrap as 100%. Management procedures including 'Aluminium Process Scrap Quality Control' and 'Recycled Material Category and Re-using Guide' have been developed to ensure this target is achieved.
		The Entity has adopted many technical and management measures to reduce the generation of Aluminium Process Scrap within its operations. The Entity achieves zero landfill, zero transfer, and 100%

CRITERION	RATING	COMMENT
		recycling of process waste by producing Alumina through the recycling and utilisation of Aluminium Dross residue.
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 has implemented a strategy to increase the use of Recycled Aluminium, aiming to reach an annual consumption of 0.37–0.38 million tonnes by 2040. It has qualified over ten Recycled Aluminium suppliers, from whom it primarily sources its Recycled Aluminium. Through active participation in industry associations and conferences, the Entity collaborates with peers, customers, and recyclers to advance technologies and promote awareness of Aluminium recycling and reuse. Its efforts and performance in this area are transparently disclosed in the 'Green Products' section (page 42) 'Industrial solid waste emissions' (page 59) and of 2024 ESG Report, available at: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P02025 0506613195891211.pdf
5. GREENHOUSE GAS EMISS	SIONS	
5.1a-b Disclosure of GHG Emissions and Energy Use	Conformance	The local authority has classified the Entity as a 'major energy-consuming and greenhouse gas-emitting unit'. As such, the Greenhouse Gas (GHG) emissions for all sites are calculated by the Entity, and it engages a third party to verify GHG emissions inventory reports and issue verification certificates for all sites. The Energy data, GHG emissions inventory reports and the relevant verification certificates are publicly disclosed at:
		https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/t20240722_132640.html
5.2a Aluminium Smelter GHG Emissions Intensity - Started production after 2020	Not Applicable	This Criterion is not applicable to the Entity, as all smelting facilities commenced production before 2020.
5.2b Aluminium Smelter GHG Emissions Intensity - In production up to and including 2020	Conformance	Each of the Entity's sites purchases hydroelectricity, which supplies over 80% of the energy requirements. The GHG emissions intensities from each site are below 11.0 t CO2e/t Aluminium.
5.3a GHG Emissions Reduction Plans	Conformance	The Entity has established GHG emissions reduction targets consistent with the commitment to green and low-carbon development, and consistent with a 1.5°C warming scenario. All sites have implemented a GHG Emissions Reduction Plan with a 2023 baseline year and publicly disclosed the plan and the GHG Emissions Reduction Pathway on the website: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/t20240722_132640.ht ml There is a mechanism in place to review the GHG Emissions Reduction Plan annually and review the Pathway as needed.

CRITERION	RATING	COMMENT
5.3b-e GHG Emissions Reduction Plans - Targets, review and disclosure	Conformance	The Entity is committed to green and low-carbon production of Aluminium, being consistent with a 1.5°C warming scenario. All sites have defined their GHG emissions reduction targets, and the associated approaches based on the ASI Entity GHG Pathways Calculation Tool. All sites have publicly disclosed their GHG Emissions Reduction Plans and pathways, respectively, which are available at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/t20240722_132640.html The Entity has established mechanisms to review the GHG Emissions Reduction Plan annually and review the reduction pathway as required.
5.4 GHG Emissions Management	Conformance	To implement the GHG Emissions Reduction Plan, the Entity has established, implemented, maintained, and continually improved its Energy Management System in accordance with ISO 50001:2018 to achieve its GHG emissions reduction targets.
6. EMISSIONS, EFFLUENTS A	ND WASTE	
6.1a-f Emissions to Air	Conformance	The Entity has identified, assessed, and quantified Material Emissions to Air from its activities, implemented control plans, and monitored the effectiveness of the control plans periodically. The control plans are reviewed regularly, and in the case of any Major Changes or nonconformance. The Entity has publicly disclosed its environmental performance, pollutant discharge information, periodical monitoring results and the operational status of the environmental protection facilities, and the air emissions control plan at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/t20240722_132640.html
6.2a-g Discharges to Water	Conformance	In accordance with the approved Environmental Impact Assessment (EIA) Report and Pollutant Discharge Permit, all wastewater is 100% recycled, and there are no discharges to external drainage/water systems. The Entity collects, treats and recycles wastewater. The quarterly monitoring results indicate that the water quality meets the required recycling water standards. Based on the monitoring results of surrounding soils, surface water and underground water at each site, no elevated pollutant levels were identified in 2024 and 2025. https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P02024072230576829 2876.pdf
6.3a-g Assessment and Management of Spills and Leakages	Conformance	An assessment of risk areas of operations where Spills and Leakages may contaminate air, water and soil has been undertaken following the risk assessment process of the Environmental Management System. A management plan has been established and implemented for all sites. The Entity reviews the plans periodically and, if needed, after a Spill/Leakage event or a Major Change in the Business. The latest version of the management plan is disclosed at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P020240722305768008738.pdf

CRITERION	RATING	COMMENT
6.4a-b Public Disclosure of Spills and Leakages	Conformance	The Entity has established a process to report Spills and Leakages, which is defined in the emergency response plans and includes reporting to Affected Populations and Organisations. No Spills or Leakages have occurred since operations commenced at each site.
		The Entity is a publicly listed company and, in accordance with legal requirements, must publicly disclose key performance indicators every six months, including environmental performance. The latest information on Spills and Leakages is reported in the 2024 ESG Report, page 47: https://www.cninfo.com.cn/new/disclosure/detail?orgld=gssz0000807&announcementId=1222911974&announcementTime=2025-03-27
6.5a-c Waste Management and Reporting	Conformance	Waste management is addressed in the Environmental Management System. The Entity has implemented a waste management strategy in accordance with the Waste Mitigation Hierarchy. The Entity has mitigated potential Material impacts by reusing and recycling waste. The disposal of Hazardous Waste complies with applicable legal requirements.
		The quantity of Hazardous and Non-Hazardous Waste generated by the Entity from its activities in 2023 is disclosed at:
		2023 Major Hazardous Waste Management Situation List: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P02024072230576802 9928.pdf
		2023 General Solid Waste Management Status List: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P02024072230576829 0198.pdf
6.6a-g Bauxite Residue	Conformance	The Entity uses new technologies, dry stacking, composite membranes and composite clay impermeable layers to prevent the release of Bauxite Residue and leachate into the environment. The Entity cooperates with other companies to maximise the reuse of Bauxite Residues. An online monitoring system and CCTV system are installed to cover the reservoir areas, and geological investigations are conducted by a qualified Third Party. The Entity periodically monitors the quality of the underground water in the reservoir areas.
		During the Audit, it was observed that there was minimal (<0.8m) freeboard available, however this was considered acceptable The Entity is implementing the management/control measures to prevent any Spill from the residue storage Facility.
		No closure of the Alumina Refining Facility is planned, and the residue storage facility is currently being upgraded to increase its capacity.
6.7a-f Spent Pot Lining (SPL)	Conformance	In accordance with applicable legal requirements on Hazardous Waste, Spent Pot Lining (SPL) is collected, labelled, stored and transferred to licensed suppliers for disposal. The Entity does not currently landfill any SPL, nor discharges SPL to any water environment. The Entity has a comprehensive SPL treatment Facility on site. The SPL
		is neutralised and recovered alongside the carbon and refractory materials. A small proportion of the generated carbon and refractory materials is transferred to suppliers licensed by the authorities for treatment. The management process has been established and implemented, and no negative findings have been raised by external audits or the authorities.

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6.8a-d Dross	Conformance	Dross generated at all sites is managed in compliance with applicable legal requirements, and no Leakage has been observed and/or reported. The Entity has its own Dross treatment Facility to maximise the recovery of Aluminium by treatment of Dross and Dross residues, and the recycling of treated Dross residues. There is no landfilling of Dross residues.
		The Entity completed a Dross treatment Facility in 2021 to increase the capacity of recycling Dross and contribute to a Circular Economy and mitigate the environmental impacts of Dross.
7. WATER STEWARDSHIP		
7.1a-b Water Assessment and Disclosure	Conformance	The Entity has identified and documented water withdrawal and use by source and type in the Environmenta Impact Assessment (EIA). The Entity has assessed the water-related risks, which include the surrounding water environment, water withdrawal and discharge, and the effectiveness of the existing management measures. The risk was identified as low, and there are no Material water-related risks in the Entity's Area of Influence. The Water Resources Risk Assessment Report is available at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P02024072230576829 2876.pdf
7.2a-e Water Management	Not Applicable	This Criterion is not applicable to the Entity, as there are no Material water-related risks in the Entity's Area of Influence.
8. BIODIVERSITY AND ECOS	SYSTEM SERVICES	
8.1a Biodiversity and Ecosystem Services Risk and Impact Assessment	Conformance	Biodiversity and Ecosystem Services Risk and Impact Assessments are included in the EIA Report, which are conducted by qualified Third Parties approved by the local Environmental Protection Agency. As per the approved EIA Reports, there are no Biodiversity-sensitive areas in the Entity's Area of Influence.
		The refinery and smelters are located in industrial zones planned by local governments. There are no threatened species identified in the Area of Influence of the two mining sites, the mining scale is not considered significant (i.e. limited to isolated lenses in one site), the areas of topsoil stripping are small, and the mining periods are short in duration. As such, the risk level is considered low.
8.1b Biodiversity and Ecosystem Services Risk and Impact Assessment - Priority	Not Applicable	This Criterion is not applicable to the Entity, as the risks and potential impacts have been assessed and documented as low. No Priority Ecosystem Services are identified.
8.2a-g Biodiversity Management	Not Applicable	This Criterion is not applicable to the Entity, as the risks and potential impacts have been assessed and documented as low.
8.3a-c Management of Priority Ecosystem Services	Not Applicable	This Criterion is not applicable to the Entity, as no Priority Ecosystem Services have been identified.
8.4 Alien Species	Conformance	The Entity has identified the risks of the introduction of Alien Species that related to the operational and transportation activities and

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		assessed whether the activities could have Material adverse impacts on Biodiversity and Ecosystem Services. The risk was identified as low.
8.5a-b Commitment to "No Go" in World Heritage Properties	Conformance	The Entity has committed to not exploring or developing New Projects in World Heritage Properties. There are no World Heritage Properties in the Entity's Area of Influence.
8.6a-d Protected Areas	Conformance	In the management manual, the Entity has committed to protecting the environment. There are no Protected Areas in the Entity's Area of Influence.
8.6e Protected Areas - Bauxite Mining	Conformance	In the management manual, the Entity has committed to protecting the environment. There are no Protected Areas in the Entity's Area of Influence.
8.7a-i Mine Rehabilitation	Conformance	The Entity has engaged a qualified Third Party to compile the Mine Rehabilitation and closure plans for the two mining sites, which were developed in consultation with the residents in the affected communities and government agencies. In accordance with local legal requirements, the Entity has established a funding facility under the surveillance of the local government agency with an agreed amount to fund the mine closure and Rehabilitation. As per site observations and Audit interviews, the mine Rehabilitation and closure plans have been implemented and are available at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P02024072230576820
9. HUMAN RIGHTS		<u>8619.pdf</u>
9.1a-d Human Rights Due Diligence	Conformance	The Entity has established institutional documents including the Code of Conduct and ASI Management Policy, with a commitment to respect Human Rights, promote gender equality, and comply with the United Nations Guiding Principles on Business and Human Rights.
		The Entity has developed and implemented risk management procedures that specify requirements for Human Rights Due Diligence, Environmental Impact Assessments, and social stability evaluations.
		In addition to regularly conducting Human Rights Due Diligence, the Entity has developed public participation mechanisms to communicate and consult with Stakeholders, including communities and individuals within affected areas, regarding potential Human Rights risks. Stakeholder participation mechanisms are outlined in the annual ESG Report.
		The Human Rights Risk Assessment Report is publicly disclosed at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P02024072230576822 6242.pdf
		Based on the annual Human Rights Impact Assessment Report, records of management review meetings, and stakeholder grievance records, the Entity's operations have not caused or contributed to significant negative Human Rights impacts. Nevertheless, if any negative Human Rights impacts are identified or reported, the Entity commits to providing or cooperating in offering remedies through legitimate processes.

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9.2a-e Gender Equity and Women's Empowerment	Conformance	The Entity has implemented a female employee protection management procedure and is committed to promoting gender equity and women's empowerment across the organisation. The gender equity Policy and performance are publicly disclosed at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P020240722305768216536.pdf The Entity reviews its gender equality and women's empowerment programs at least once every two years. Additionally, the Entity commits to conducting comprehensive reassessments of its gender equity management procedures when there are significant changes in gender equality risks or control deficiencies are identified. No complaints regarding gender equity were received in 2023 or 2024. The Entity disclosed its actions and performance in promoting gender equality and women's empowerment in its 2024 ESG Report, pages 101-106: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P020250506613195891211.pdf This includes data such as the number of male and female new hires, employee turnover rates for male and female Workers, and annual income for management and staff differentiated by gender.
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. However, they have established and implemented Policies and processes to ensure respect for the rights and interests of Indigenous Peoples.
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, as there are no Indigenous Peoples within the Entity's Area of Influence. However, the Entity has established and implemented Stakeholder engagement processes to manage communication with the Local Communities to obtain their major concerns on the impact of New Projects or existing operations on Local Communities.
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 established procedures to identify cultural and sacred heritage sites and assess risks to minimise potential impacts. All projects have undergone Environmental Impact Assessments and Social Impact Assessments, and consultations with Stakeholders confirm that no sacred or cultural heritage sites exist within the areas affected by the Entity's Facilities.

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9.5b Cultural and Sacred Heritage - Impacts	Not Applicable	This Criterion is not applicable to the Entity, as there are no Indigenous peoples or their land, nor any sacred or cultural heritage sites within the Entity's Area of Influence.
		However, the Entity has implemented a procedure to identify the cultural and sacred heritage and conduct risk assessments to reduce the impact on the sites. The Entity commits to undertaking any necessary action to avoid a significant impact on cultural, historical or spiritual heritage should sites be identified.
9.6a-i Displacement	Not Applicable	This Criterion is not applicable to the Entity, as there are no New Projects and Major Changes causing resettlements. The Entity has not initiated any new development projects since joining ASI in 2022. The most recent mine development project, the Wenshan WST Mine project, was completed prior to 2021.
		The Entity and its subsidiaries are situated on land that is defined as an industrial site and developed by the local government. As such, there are no residential areas close to the sites.
9.7a-h Affected Populations and Organisations	Conformance	The Entity has established a stakeholder engagement process to identify and address the major concerns of Affected Populations and Organisations. Plans have been developed to respond to these concerns, with annual reviews to assess progress and implement improvements. Performance information related to these plans and actions is disclosed in the 2024 ESG Report, pages 100–104: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P020250506613195891211.pdf
		The Entity commits to reviewing and adjusting its community Support programs in response to significant changes in ESG priorities, or if control deficiencies are identified.
9.8a Conflict-Affected and High-Risk Areas - Strong management systems	Conformance	The Entity has established and implemented Management Systems, including a supply chain Policy, responsibilities and resources, information gathering and supplier engagement. The ASI Policy, including the purchasing Policy and grievance channel, is publicly disclosed in the Code of Conduct for Suppliers and the 2024 ESG Report (page 24): https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P020240722305767846732.pdf and https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P0202505066613195891211.pdf
9.8b Conflict-Affected and High-Risk Areas - Identify and assess risks	Conformance	The Entity has identified and assessed the risks in its supply chain through regular risk assessment. No conflict minerals are used, no materials are from Conflict-Affected and High-Risk Areas (CAHRAS), and there are no critical Human Rights issues such as Child Labour and Forced Labour.
9.8c Conflict-Affected and High-Risk Areas - Strategy to respond to risks	Not Applicable	This Criterion is not applicable to the Entity, as no conflict minerals are used, no materials are from CAHRAs, and there are no critical Human Rights issues such as Child Labour and Forced Labour.
9.8d Conflict-Affected and High-Risk Areas - Audit of due diligence	Conformance	The Entity's Due Diligence processes were included in the scope of this ASI Performance Standard Certification Audit and addresses this requirement.

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		In addition, the Entity regularly reviews the implementation of its Code of Conduct for Suppliers and the effectiveness of its Due Diligence processes, promptly taking corrective actions for any non-compliance identified during the review.
9.8e Conflict-Affected and High-Risk Areas - Report annually	Conformance	The Entity has publicly disclosed the results of its annual supply chain Due Diligence on its website. The Entity has successfully traced the material sources of all its metal suppliers and confirmed that no raw materials originate from Conflict-Affected or High-Risk Areas.
		The Entity's Conflict-Free Minerals Due Diligence Fact Sheet can be accessed at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P02025012658569920 2970.pdf
9.9 Security practice	Conformance	All security guards are employed by the Entity. The Entity commits to respecting Human Rights in security activities, such as not permitting body searches and security guards to work in humane ways. All security guards understand their tasks and the way to respect Human Rights. No grievance or complaint against security activities has been received to date.
10. LABOUR RIGHTS		
10.1a-c Freedom of Association and Right to Collective Bargaining	Not Applicable	This Criterion is not applicable to the Entity, as the Entity complies with Applicable Law in China related to Freedom of Association and Collective Bargaining.
		The Entity has a Policy to respect the Freedom of Association and has implemented an employee representative committee and employee representatives are freely elected by employees.
10.1d Freedom of Association and Right to	Conformance	The Entity's senior management commits to respecting the right of Freedom of Association and Collective Bargaining.
Collective Bargaining - Alternative means in context of Applicable Law		Workers' representatives are freely elected by employees every three years, and Worker representative congress meetings are held annually where Workers' concerns are communicated and discussed with senior management.
		Collective Bargaining Agreements with the Entity are signed and approved by senior management.
10.2a-c Child Labour	Conformance	Child Labour is prohibited in China, and the legal minimum working age is 16 years old. The Entity has established and implemented a Policy for not using Child Labour and a young Worker protection procedure. There is no Child Labour or young Workers in the Entity.
10.3a-c Forced Labour	Conformance	The Entity has established a Policy of prohibition of Forced Labour including human traffic is established, the Entity commits itself and expects its suppliers to comply with the prohibition of Forced Labour, slavery and Human Trafficking, no case of illegal wage deduction, Debt Bondage, pay for a debt or others type of force labour is identified, reported in the Entity.
		The Entity has publicly disclosed its Policy statement against Modern Slavery and Human Trafficking: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P020240722305768211 001.pdf

CRITERION	RATING	COMMENT
		In addition, the Entity's practical actions and achievements in combating modern slavery and protecting Human Rights are detailed in the Employee Rights and Welfare section of its 2024 ESG Report, pages 77-84: https://ylgf.chinalco.com.cn/kcxfz/gsesgbg/gsesg_bg/202505/P0202505066613195891211.pdf
10.4a-c Non- Discrimination	Conformance	The Entity is committed to Non-Discrimination. No case of Discrimination has been received. The recruitment advertisement and the training plan indicate that the decisions are solely based on the candidate's ability to perform the job's requirements rather than other personal characteristics. The interviewed Workers confirm they feel equal in the Entity.
10.5 Communication and engagement	Conformance	Direct and frequent communication with Workers and the Worker representatives is established. The communication channels are announced to Workers, and Workers can raise their concerns regarding working conditions, the resolution of workplace and compensation issues., without threat of reprisal, intimidation or Harassment.
10.6a-g Violence and Harassment	Conformance	The Entity has implemented Policies stating that Harassment or bullying is not accepted. An information brochure has been developed and distributed to all employees. The Entity's Code of Conduct is clear on this issue, and regular employee training is provided and is available at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P020240722305767833280.pdf
10.7a-d Remuneration	Conformance	The Entity ensures a transparent wage structure, with basic wages exceeding the local legal minimum and Overtime compensation fully compliant with legal requirements. Mandatory allowances are provided to meet Workers' essential needs, and all employees are enrolled in the required social insurance program. Wage payments are promptly disbursed via bank transfer on the 25th of the following month, with detailed information on wages, allowances, Overtime, and deductions accessible through the internal OA system.
10.8a-c Working Time	Conformance	The Entity accurately records and monitors working hours to ensure legal compliance and support employee well-being. Office staff work eight hours a day, five days a week, while production Workers follow a '4 groups, 3 shift' system, with eight-hour shifts and a schedule of six consecutive working days followed by two rest days, rotating shifts every two days for balanced workloads. Overtime hours are monitored to ensure they remain within legal monthly limits, and all employees are guaranteed at least one rest day within seven days, reflecting the Entity's commitment to fair and lawful working conditions.
10.9a-b Informing Workers of Rights	Conformance	The Entity informs its Workers of their rights, as protected in this principle and has established cooperation and communication with the Workers at all its production plants. National laws and regulations in China are respected and complied with.

CRITERION	RATING	COMMENT
11. OCCUPATIONAL HEALTH	AND SAFETY	
11.1a Occupational Health and Safety (OH&S) Management System	Conformance	The Entity has established, implemented, maintained and continually improved the Occupational Health and Safety (OH&S) Management System. All sites hold valid ISO 45001:2018 certification. Site observations, document review and management and Worker interviews undertaken during the Audit confirmed that the OH&S Management System is effective.
11.1b-e Occupational Health and Safety (OH&S) Management System - Reviews and disclosure	Conformance	The Entity regularly reviews the OH&S Management System, via monthly safety meetings, annual legal compliance evaluations, annual internal audits against ISO 45001:2018, and management review meetings. When any indication of a control gap is identified, a review is conducted to assess if potential corrective and/or preventive actions should be implemented. The achievement of OH&S objectives and targets in 2023 and the comparative analyses of performance with peer businesses and leading practice are published at: https://ylgf.chinalco.com.cn/xwzx/ywgg/202407/P020250606545850018660.pdf
11.2 Employee engagement on Health and Safety	Conformance	The Entity has implemented a system of Workers' Consultation and participation in OH&S. The Workers are encouraged to report any concerns or recommendations on OH&S issues either by themselves or via their Worker representative and in turn, management will respond accordingly.

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DOCUMENT CONTROL AND VERSION HISTORY

REVISION	DATE	NOTES
0	19 May 2023	Certification Audit - Full Certification
1	31 August 2025	Surveillance Audit