

KMC 温室气体(GHG)管理政策

KMC Greenhouse Gas (GHG) Management Policy

一、目的与适用范围

I. Purpose and Scope

本政策旨在确立公司在温室气体排放管理与减排方面的原则、目标与行动路径，确保公司运营符合集团碳排放战略整体要求，并与全球气候目标保持一致。本政策适用于公司管辖下所有采矿项目、加工及相关运营活动。

This policy establishes the principles, objectives, and action pathways for greenhouse gas (GHG) emissions management and reduction. It ensures alignment with the Group's overall carbon strategy and global climate goals. This policy applies to all mining projects, processing facilities, and related operational activities under the Company's jurisdiction.

二、公司承诺

II. Commitment

公司承诺以负责任、透明及科学的方法管理温室气体排放，推动能源效率提升和低碳转型。公司将持续评估并减少运营活动对气候的影响，确保符合国内外法规及行业领先实践。

The Company is committed to managing GHG emissions through responsible, transparent, and science-based approaches, driving energy efficiency improvements and low-carbon transitions. The Company will continuously assess and reduce the climate impacts of its operations to ensure compliance with domestic and international regulations as well as leading industry practices.

三、温室气体排放识别与核算

III. GHG Identification and Quantification

公司将定期识别并持续更新全部运营活动产生的温室气体排放源，包括直接排放（范围一）、间接排放（范围二）及适用时的其他间接排放（范围三）。

The Company will regularly identify and update all GHG emission sources from its operational activities, including: Direct emissions (Scope 1)、 Indirect emissions from purchased energy (Scope 2)、 Other applicable indirect emissions (Scope 3)

采用国际公认方法（如 ISO 14064、GHG Protocol 等）进行温室气体排放盘查，建立结构化的 GHG 排放数据库、台账与年度报告机制，确保数据透明、可审计、可追溯。这些量化信息将作为减排战略、资源投入和运营优化决策的重要依据。

GHG inventories will be conducted using internationally recognized methodologies (e.g., ISO 14064, GHG Protocol). A structured GHG database, ledger, and annual reporting mechanism will be established to ensure the transparency, auditability, and traceability of all data. Quantified information will serve as a key basis for emission-reduction strategies, resource allocation, and operational optimization.

四、能效提升与减排机会识别

IV. Energy Efficiency Improvement and Emission Reduction Opportunities

公司定期开展能效及减排机会识别，梳理采矿、选矿、运输、动力供应及辅助设施的能效与碳减排潜力。

The Company will regularly conduct assessments to identify opportunities for energy efficiency improvement and emission reduction across mining, processing, transportation, power supply, and auxiliary facilities.

通过技术评估与经济可行性分析，识别并优先实施可量化、可验证且有效的节能减排措施，包括但不限于设备节能升级、工艺优化与自动化、清洁能源与可

再生能源的应用、能源管理系统建设。所有已识别机会将纳入年度执行计划，并定期跟踪进展与成效。

Through technical assessments and economic feasibility analysis, the Company will prioritize and implement quantifiable, verifiable, and effective emission-reduction measures, including but not limited to: Energy-efficient equipment upgrades、 Process optimization and automation、 Adoption of clean and renewable energy、 Establishment of energy management systems. All identified opportunities will be incorporated into annual implementation plans, with progress and performance monitored regularly.

五、减排目标设定

V. GHG Reduction Targets

公司承诺设定具有意义、科学性及可达成的减排目标，并定期披露进展。公司承诺于 2027 年底实现运营层面碳排放达峰。以 2050 年实现碳中和为长期目标。以 2025 年为基准年，到 2027 年底单位产品碳排放强度降低 5%；到 2030 年底单位产品碳排放强度累计降低 30%。公司将根据年度盘查数据、技术可行性评估、能源结构变化及业务发展情况，对目标进展进行跟踪并定期披露。

The Company commits to setting meaningful, science-based, and achievable GHG reduction targets and disclosing progress regularly. The Company commits to reaching its operational carbon emission peak by the end of 2027. The long-term objective is to achieve carbon neutrality by 2050. Using 2025 as the baseline year: By the end of 2027, GHG emission intensity per unit of product will be reduced by 5%. By the end of 2030, GHG emission intensity per unit of product will be reduced by 30% cumulatively. Progress toward these targets will be tracked and disclosed based on annual GHG inventories, technical feasibility assessments, energy structure changes, and business development.

六、政策评审与修订

VI. Policy Review and Revision

公司至少每五年对本政策进行一次全面评审，并在以下情况发生时及时修订：运营规模或方式发生重大变化；新技术或管理方法出现；识别到新的重大减排机会；国内外相关法规、行业标准更新。所有修订将形成正式记录并对外披露。

The Company will conduct a comprehensive review of this policy at least once every five years and update it promptly in the event of: Significant changes in operational scale or methods; Availability of new technologies or management approaches; Identification of major new emission-reduction opportunities; Updates to relevant national or international regulations and industry standards. All revisions will be formally documented and publicly disclosed.

七、治理机制与责任分工

VII. Governance and Responsibilities

集团相关职能管理部门及 KMC 高级管理层负责批准 GHG 战略方向与长期目标。机电工程部负责政策执行、排放核算、数据质量管理和改进措施推进。各运营单位负责减排措施的落地执行与绩效跟踪。公司将定期向利益相关方披露应对气候变化的政策、目标及进展。

Relevant functional departments of the Group and KMC senior management are responsible for approving the GHG strategic direction and long-term objectives. The Mechanical & Electrical Engineering Department is responsible for policy execution, GHG accounting, data quality management, and the advancement of improvement measures.

Operational units (including KMC departments, processing plants, subcontractors, contractors, and suppliers) are responsible for implementing emission-reduction measures and tracking performance.

The Company will regularly disclose climate-related policies, targets, and progress to stakeholders.

八、政策沟通与利益相关方参与

VIII. Communication and Stakeholder Engagement

公司将通过以下方式确保本政策的有效实施：向员工开展培训，明确职责与执行要求；向政府机构、社区、投资者和其他利益相关方公开本政策；在年度 ESG 报告和公司网站持续披露 GHG 绩效及改进情况。本政策在公司内部及官方网站公开发布，接受社会监督。

To ensure effective implementation of this policy, the Company will:

Provide training to employees to clarify responsibilities and execution requirements; Publicly disclose this policy to government agencies, communities, investors, and other stakeholders; Continuously report GHG performance and improvements in the annual ESG report and on the Company website. This policy is publicly disclosed internally and on the official website and is subject to public supervision.

九、附则

IX. Supplementary Provisions

本政策自发布之日起实施，所有下属项目与运营单位需严格遵守并纳入相关管理体系。由公司管理层签发，并按规定归档、更新与持续改进。

This policy comes into effect upon the date of issuance. All subsidiary projects and operational units must strictly comply with this policy and integrate it into their respective management systems. The policy is issued by Company management and will be archived, updated, and continuously improved in accordance with regulations.

