

**Zangge Mining Co., Ltd.**

**Toxic Emissions & Waste Management Policy**



# **Toxic Emissions & Waste Management Policy of Zangge Mining Co., Ltd.**

## **Chapter I General Provisions**

### **Article 1 Purpose**

This Policy establishes a structured and systematic framework for toxic emissions and waste management across the Group. It is designed to ensure compliance with applicable water-related laws and regulations, including but not limited to the *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution*, the *Law of the People's Republic of China on the Prevention and Control of Water Pollution*, and the *Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste*, as well as relevant standards such as the *Integrated Wastewater Discharge Standard* and the *Standard for Pollution Control on Hazardous Waste Storage*.

Taking into account the Group's actual management practices, this Policy is formulated to systematically reduce waste and toxic emissions and to support the continuous improvement of the Group's environmental management performance.

### **Article 2 Definitions**

For the purpose of clarifying the definitions of entities at different levels, the following terms are defined as follows:

- “Group” refers to Zangge Mining Co., Ltd. and its affiliated entities.
- “Group Headquarters” specifically refers to Zangge Mining Co., Ltd.
- “Affiliated Entities” refers to entities directly or indirectly controlled by the Group Headquarters, both domestically and overseas.

### **Article 3 Scope of Application**

This Policy applies to the management of pollutants and waste under the Group's operational control. All controlled entities — including salt lake operations, mining areas, exploration sites, and production bases are required to strictly follow the principles set out in this Policy and implement measures covering pollutant and waste identification, risk assessment, storage and

transportation controls, emission reduction, and safe disposal, in order to prevent pollution and incidents.

The Company extends its pollutant and waste management expectations to suppliers, contractors, and other business partners, promotes compliance with applicable laws and regulations, and support the establishment of sound pollutant and waste management systems, thereby facilitating safe, standardized, and compliant operations across the value chain.

## **Chapter II Institutional Provisions**

### **Article 4 Fundamental Principles**

When managing pollutant emissions and promoting compliant waste disposal, the Company shall adhere to the following principles:

#### **1. Regulatory Compliance**

Ensure compliance with applicable laws, regulations, and standards related to waste disposal and pollutant emissions management in the jurisdictions where projects are located.

#### **2. Risk Prevention and Control**

Strengthen the identification, assessment, and monitoring of environmental and occupational risks to prevent incidents such as hazardous waste leaks, fires, explosions, and related health and safety impacts.

#### **3. “Three Simultaneities”**

Ensure the environmental protection facilities required for construction projects shall be designed, constructed, and commissioned simultaneously with the main project.

#### **4. Accountability**

Define clear management responsibilities and establish transparent mechanisms decision-making, implementation, and supervision.

#### **5. Continuous Improvement**

Regularly assess management performance, enhance management systems and technical measures, and continuously improve the effectiveness of pollutant and waste management.

### **Article 5 Management Structure and Responsibilities**

The Company has established a clear three-tier organizational structure to ensure the effective implementation of pollutant and waste management measures.

**Highest Decision-Making Level: Board of Directors and the Strategy & Sustainability (ESG) Committee**

Responsible for reviewing and approving the Company's pollutant and waste management policies, action plans, and targets for waste minimization and total pollutant emission control. They oversee risk prevention efforts and progress against annual targets, regularly receive and review reports on waste management performance, pollutant discharge compliance, environmental non-compliance risks, and major environmental incidents, and oversee performance assessment and accountability of senior management.

**Coordinating Management Level: Safety, Environmental Protection, Public Security, Fire Safety & ESG Committee**

Responsible for formulating annual targets and implementation plans for waste management, including hazardous waste, and for pollutant emissions across water, air, solid waste, and noise, and cascading these targets and plans to relevant departments and production bases. They monitor environmental risk assessment reports, including risks related to accidental pollutant releases and improper hazardous waste disposal, and develop major corrective action plans as needed. They also regularly review the operation and performance of the environmental management system and report progress and significant environmental issues to the highest decision-making level.

**Leading Execution Department: Safety, Environmental Protection & ESG Office**

Responsible for establishing, maintaining, and continuously improving the Company's systems, processes, technical standards, and operating procedures for waste and pollutant emissions management. This includes implementing environmental risk prevention and control measures, organizing regular emissions monitoring, inspections of hazardous waste storage sites, and environmental emergency drills, as well as supervising and assessing implementation by production bases and cascading prevention and compliance objectives to production bases and business units.

Each production base, as the implementation entity, shall operate and maintain all pollution prevention and control facilities on a daily basis and ensure that all emissions and disposal related

to water, air, solid waste, and noise consistently meet national and local discharge standards and permit requirements.

### **Chapter III Management and Target Implementation**

The Company implements whole-process management of toxic emissions and waste disposal **across all locations of operations** to ensure that prevention and management requirements are strictly implemented in all business processes, and to prevent any non-compliant discharge or disposal.

#### **Article 6 Air Emissions Management**

The Company strictly complies with the *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution* and applicable national and local air pollutant emission standards, and fully fulfills its responsibility for air pollution prevention and control. For key air pollutants generated during production, such as particulate matter and nitrogen oxides (NO<sub>x</sub>), the Company deploys and operates appropriate pollution control facilities based on process characteristics and emission profiles across affiliated entities. Treatment technologies include, but are not limited to, flue gas purification, dust removal, and denitrification, to ensure stable operation of treatment facilities and compliant emissions. The Company is committed to continuously reducing total air pollutant emissions and protecting ambient air quality within and around its all operation sites.

#### **Article 7 Wastewater Management**

Sewage is treated through integrated centralized treatment to ensure discharge quality meets relevant standards, including the *Integrated Wastewater Discharge Standard (GB 8978-1996)* and the *Discharge Standard of Pollutants for Municipal Wastewater Treatment Plants*. Gray water that meets standards is primarily reused in production processes such as solution mining in salt fields, thereby reducing freshwater abstraction, and is not discharged externally in principle.

Temporary wastewater storage and conveyance facilities are constructed and operated in accordance with environmental and engineering technical specifications, with necessary anti-seepage and leakage prevention measures to reduce potential impacts on surrounding environments.

The Company applies refined, closed-loop management to both industrial and domestic wastewater and strictly complies with all applicable national and local wastewater discharge standards. Through enhanced operation and maintenance of pollution prevention and control facilities, strengthened process controls, and increased wastewater reuse, the Company continuously improves water efficiency.

#### **Article 8 Non-hazardous Waste Management**

The Company firmly adheres to the principles of waste reduction, resource recovery, and harmless treatment and disposes of all types of waste in compliance with applicable national and local laws and regulations. A comprehensive waste management method is established and strictly maintained, with refined waste segregation and management practices in place. Information covering the entire waste lifecycle—including generation, storage, transfer, and final disposal—is accurately recorded and monitored, enabling continuous optimization of waste management efficiency and ensuring environmental compliance and full traceability of all waste disposal activities.

#### **Article 9 Hazardous Waste Management**

Clear requirements are defined for hazardous waste management responsibilities, standardized labeling, declaration and registration, classified storage, transfer manifest management, and recordkeeping. An annual hazardous waste management plan is developed to identify the main types of hazardous waste generated from the Company's production and all operation sites and to assess and plan measures for waste reduction, storage, and compliant disposal.

Guided by the principle of source reduction, the Company continuously promotes cleaner production technologies, optimizes production processes and material structures, prioritizes the use of safer and more environmental-friendly raw and auxiliary materials, and progressively phase out high-risk or restricted hazardous substances to reduce hazardous waste.

For hazardous waste disposal, the Company engages qualified third-party service providers for standardized treatment and disposal, ensuring full-lifecycle compliant management and safe disposal of hazardous waste.

#### **Article 10 External Compliance Audits**

To ensure the effectiveness and compliance of its management system, the Company engages qualified third-party institutions, as appropriate and based on operational needs, to conduct assessments or targeted inspections of waste management compliance **across all locations of operations annually**. Management are continuously improved based on assessment outcomes.

#### **Article 11 Communication and Training**

The Company assigns dedicated management personnel and equips necessary protective facilities at each production site, and conducts regular hazardous substance testing and emergency drills to strengthen employee safety training and operational standards. Facility operation, maintenance activities, and any abnormal conditions are reported in a timely manner and rectified in accordance with internal requirements to prevent adverse impacts on the environment and personnel.

#### **Article 12 Value Chain Management**

The Company extends environmental management requirements to the supply chain and requires all suppliers to strictly comply with applicable national and local environmental laws and regulations. Suppliers must provide evidence of compliance with toxic emission requirements for regular performance screening and audits, taking effective measures to reduce toxic emissions and hazardous waste during production, ensuring safe and compliant waste disposal, and jointly contributing to the development of a green supply chain.

#### **Article 13 Target Oversight and Implementation**

The Company integrates waste and pollutant management objectives as a core component of its environmental management framework. Each year, based on applicable legal and regulatory requirements and the results of environmental risk assessments, the Company establishes quantified and measurable annual and medium- to long-term targets. These targets cover all locations of operation and key production and auxiliary processes, including total air pollutant emission control, compliance rates for wastewater discharges, **NO discharge of** industrial wastewater, waste reduction, and hazardous waste reduction.

Through technological innovation and continuous management enhancement, the Company is committed to ensuring that all targets are effectively cascaded and implemented, thereby achieving sustained improvement in environmental performance.

## **Chapter IV Supplementary Provisions**

### **Article 14 Language**

This Policy is issued in both Chinese and English version. Both versions have equal legal effect. In the event of any inconsistency or ambiguity, the Chinese version shall prevail.

### **Article 15 Interpretation**

This Policy is formulated, amended, and interpreted by the Safety, Environmental Protection & ESG Office of the Group Headquarters.

### **Article 16 Approval Authority**

This Policy shall be reviewed and approved by Executive Meeting of the Group Headquarters and shall take effect from the date of issuance.