

In order to standardize and guide the design and management of tailings ponds, strengthen risk control throughout the entire life cycle of tailings ponds, minimize or avoid the impact of tailings ponds on human health, safety, and the environment, achieving the goal of long-term accident-free tailings ponds, and gradually connect with international good practices in tailings pond management, this procedure is formulated.

This procedure applies to all subsidiaries of Huayou Cobalt worldwide, as well as industrial facilities directly or indirectly controlled or operated by Huayou Cobalt worldwide. Huayou Cobalt also promises to exert influence on joint ventures, suppliers, and partners that are not controlled by the company, urging them to comply in accordance with the provisions of this procedure.

This program is suitable for the lifecycle management of tailings ponds, including the conceptualization, design, construction, operation, maintenance, and closure.

This program is applicable to the management of all types of tailings ponds under Huayou Cobalt's assets, including valley type, mountain side type, flat type and other types of tailings ponds.

This program is suitable for green space development project management



Huayou Cobalt refers to the Global Tailings Management Industry Standard (GISTM) jointly issued by the United Nations Environment Programme (UNEP), the Principles for Responsible Investment (PRI), and the International Committee on Mining and Metals (ICMM), and implements full lifecycle management of tailings facilities. At the same time, Huayou Cobalt will actively track and refer the tailings management standards and best practices issued by authoritative institutions such as ICMM, and continuously improve the company's tailings management standards.

The company focuses on the design and construction of tailings facilities, conducts sufficient site selection and corresponding geotechnical engineering investigations, strictly implements mandatory standard requirements during design, and strictly adheres to design texts, safety facility design, and engineering control quality requirements during construction. Through responsible site selection, design, and construction, the impact and risks are minimized.

1) Site Selection and Design

The site selection of tailings facilities should fully consider natural conditions such as topography, lithology, geological structure, hydrogeological conditions, and potential seismic activity. Feasibility studies and safety pre evaluations should be conducted for the project. Geotechnical investigations should be carried out before the construction, renovation, or expansion of tailings facilities to ensure that the risks of the project are fully understood and corresponding measures are taken. The design should follow advanced design concepts and standards both domestically and internationally to ensure the safety, stability, and environmental friendliness of tailings facilities.

2) Construction and Construction

The company strictly follows the design drawings and construction plan for construction, ensuring that the construction quality meets relevant standards and specifications. At the same time, strengthen safety management and environmental protection measures during the construction process to prevent pollution and damage to the surrounding environment caused by construction.

3) Operation and Maintenance

The company shall establish and improve the operation and management system of tailings facilities, clarify management responsibilities and operating procedures. Regularly inspect, maintain, and monitor tailings facilities to ensure their normal operation and safety.

and stability assessment of tailings ponds, and safety hazards.

managed by dedicated personnel, and corresponding plans are established to ensure that tailings

control the discharge of tailings wastewater, that the emission indicators comply with the treatment and reuse of tailings wastewater, and actively carry out comprehensive

tailings treatment to aquatic ecosystems

