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The Implementation Opinions on Accelerating the Construction of Green Mines of
Ministry of Land and Resources, Ministry of Finance, Ministry of Environmental
Protection, General Administration of Quality Supervision, Inspection and Quarantine of
the People's Republic of China, China Banking Regulatory Commission and China
Securities Regulatory Commission

May 10th, 2017

Guo Tu Zi Gui No. 4 (2017)

The competent departments of land and resources, finance and environmental protection, the quality and technical supervision bureaus (the market supervision and management departments) of different provinces, autonomous regions and municipalities directly under the central government, the banking regulatory bureaus, the securities regulatory bureaus, the industry associations, other units directly under China Geological Survey and Ministry of Land and Resources, and the departments of Ministry of Land and Resources:

In order to fully implement the decisions and arrangements of *Opinions on Accelerating the Construction of Ecological Civilization of the CPC Central Committee and the State Council* (Zhong Fa (2015) No. 12) and *the 13th Five-Year Plan for Economic and Social Development of the People's Republic of China*, promote the national planning of mineral resources, strengthen the ecological civilization construction in the mineral industry, and accelerate the transformation of the mining industry and green development, these implementation opinions are formulated.

I. General requirements

(i) Guiding ideology. The spirit of the 18th National Congress of the Communist Party of China, and the Third, Fourth, Fifth and Sixth Plenary Session of the Eighteenth Central Committee shall be fully implemented; the spirit of the series of important speeches of General Secretary Xi Jinping shall be implemented thoroughly; the overall layout of "Five in One" and the strategic layout of "Four Comprehensive" shall be promoted in accordance with the overall plan; the development concept of innovation, coordination, green, opening and sharing shall be firmly established and implemented; the new normal state leading the economic development shall be adapted to and grasped; the decisions and arrangements of the Party Central Committee and the State Council on the construction of ecological civilization shall be seriously implemented; the working position of "protecting land and resources with due diligence, saving and intensively using land and resources, and trying our best to safeguard the rights and interests of the masses" shall be adhered to; according to the overall requirements of the construction of ecological civilization, through government guidance, main body of enterprise, standard leading, policy support, innovation mechanism, supervision strengthening, duty fulfilment and vitality stimulation, the green development concept shall run through the whole process of planning, exploration, exploitation, utilization and protection of mineral resources, lead and promote the transformation and upgrading of traditional mining, and improve the quality and benefit of the development of the mining industry.

(ii) Overall objectives

To build the working mechanism of department coordination and 4-level creation, strengthen the policy support, accelerate the construction process of green mines, and strive to form the new pattern of mining development which meets the requirements of the construction of ecological civilization by 2020.

To basically form the new pattern of the construction of green mines. All newly-built mines shall meet the requirements for the construction of green mines, the transformation and upgrading of production mines shall be accelerated, and they shall gradually meet the requirements. 1,000 green mining models led by science and technology and driven by innovation shall be established, 100 green exploration project demonstrations shall be implemented, more than 50 demonstration areas of green mining development shall be constructed, and a batch of new models, new mechanisms and new systems that can be replicated and promoted shall be formed.

To build a new way to change the mining development mode. The change of mode shall be coordinated with the growth stabilization; the new mode of industrial development and the new way of economic growth of the mining industry of saving, intensive use and recycling of resources shall be innovated; the upgrading and updating of the green and environment-friendly technologies, processes and equipments shall be accelerated; the comprehensive management of the ecological environment of mines shall be improved; the saving and intensive utilization of land and farmland protection in the mining areas shall be vigorously promote; the formation of effective mining investment shall be guided; the internal driving force of the green development of mining enterprises shall be stimulated; and the sustained and healthy development of the mining industry in China shall be promoted.

To set up the new mechanism for the development of the green mining industry. The mutual promotion of green transformation and management reform shall be adhered to; the work system of the construction of green mines created by the state, provinces, cities and counties, built by enterprises, evaluated by the third party and supervised by the society shall be studied and established; the green exploration and green mine construction standard system shall be improved; the supporting incentive policy system shall be improved; and the long-effect green mining development mechanism shall be constructed.

II. Set the leading standard and build the green mines

(iii) Local conditions shall be adapted to and the standards shall be improved. Combined with the actual conditions, according to the requirements of the construction of green mines (see the annex), different places shall refine and form the local standards of green mines which meet local conditions, and define the assessment indexes for the construction of green mines, such as the environment of the mine, the mode of exploitation and utilization, the saving and intensive utilization of resources, the construction of modern mines, the harmony of the mines and the cultural image of the enterprise. The distinctive standard system of green mines covering main industries in which national standard, industry standard, local standard and group standard cooperate with each other shall be established.

(iv) We shall guide by classification, and reach the standard step by step. In the process of transferring of the new mining rights, the requirements and related standards for the construction of green mines shall be referred to. The transfer contract shall define the development method, the utilization of resources, the protection and restoration of the geological environment of the mine, land reclamation and other related requirements and liabilities for breach of the contract. The newly-built mines shall be planned, designed, constructed, operated and managed according to the requirements of the standard of green mines. For the production mines, different places shall combine with and distinguish the actual situation, make the comprehensive deployment and requirements, actively promote the upgrading and updating of the mines, and gradually meet the requirements of the construction of green mines.

(v) Leading by demonstration and overall promotion. Cities or counties which have made a remarkable progress in construction of green mines shall be selected, and a batch of green mining development demonstration areas shall be built. The innovation of technology system, standard system, industrial model, management mode and policy mechanism shall be promoted; the key problems shall be explored and solved, such as layout optimization, structural adjustment, resource protection, saving and comprehensive utilization of resources, and ground and underground coordination; the system of planning, exploration, exploitation, utilization and protection of mineral resources shall be improved; the policy system of development incentive of the green mining industry shall be improved; a good environment for investment and development shall be actively created; the construction of green mines shall be promoted in the whole region; and the model areas of green mining development with a reasonable layout, efficient intension, a good environment, harmonious mines and land and sound development of regional economy shall be created and formed.

(vi) Ecology first and green exploration. The principle of ecological protection first shall be adhered to, the wishes of the masses shall be fully respected, and the working layout of strategic action of prospecting breakthrough shall be adjusted and optimized. The concept of green and environment-friendly exploration shall be set up, the measures to protect the ecological environment of exploration and construction shall be strictly implemented, and the exploration according to law and green exploration shall be effectively carried out. New technologies and methods such as airborne geophysical prospecting and remote sensing shall be vigorously developed and popularized, the revision of technical standards and specifications of geological exploration shall be accelerated, the system of technical standards of green exploration shall be improved, the exploration means with a big impact on the surface environment such as channel exploration shall be moderately adjusted or replaced, and the impact of geological exploration on the ecological environment shall be reduced.

III. Increase the policy support and accelerate the construction process

(vii) The policy supporting the mineral resources shall be carried out. If the mining indexes and mining rights of the mine with grossing controlling comply with the national industrial policy, they shall be given to the green mines and the green mining demonstration areas first.

If the mining right is consistent with the situation of agreed transfer, it is allowed to

be transferred to a green mining enterprise by agreement first.

(viii) The construction land for green mines shall be guaranteed. In the adjustment and improvement of the overall planning of land use, different places shall incorporate the project land required by the construction of green mines into the planning and overall arrangement, and give priority to the guarantee of the reasonable demand for new construction land of newly-built and expanded green mines in the annual plan of land use.

After the construction land procedures in accordance with the law are handled, the mining land can be transferred, leased or leased and then transferred by agreement; if the land is supplied by means of transfer, the land user can flexibly select the transfer term of the right to use the land and implement the flexible transfer on the premise that it is not longer than the legal maximum transfer term according to factors such as the production cycle and the number of years of mining, and agree to pay the land transfer price by instalment in the land transfer contract.

Green mining enterprises shall be supported to reclaim and revitalize the industrial and mining land in stock in a timely manner, and link with the new construction land. The construction of the demonstration areas of green mining development shall be promoted together with the reclamation and utilization of industrial and mining wasteland, the restoration of geological environment of the mine, soil pollution control of the mining area, land renovation and other work. The relevant pilot and support policies shall be applied. Under the premise of meeting the planning and ecological requirements, the cultivated land increased by the reclamation of the historical industrial and mining wasteland is allowed to be used for the requisition-compensation balance of cultivated land.

If farmland or other land is damaged and unrecoverable by the mining in accordance with the law, according to the requirements and procedures of the land change investigation work, the field investigation shall be made. After passing the review of special reporting, it shall be incorporated into the annual change investigation. If farmland is involved, the cultivated land quantity shall be decreased in accounting according to the truth, but it shall not be higher than the upper limit of the controlled quantity in different places. If basic farmland is involved, the quantity shall be compensated.

(ix) The support of fiscal and tax policies shall be increased. On the basis of improving the current management methods of funds, in the arrangement of survey and evaluation funds of geological and mineral resources, Ministry of Finance and Ministry of Land and Resources shall give preferential policies to qualified projects in the areas of the green mining development demonstration areas.

While using the funds from the central government, local governments can arrange the funds of geological and mineral resources, ecological environment control of mines, heavy metal pollution control, land reclamation and so on; give priority to the projects that meet the conditions in the green mining development demonstration areas; give full play to the accumulation of funds; promote the transformation of mining development and improve the environment of mining areas; promote the economic and social sustainable development of the mining areas; actively coordinate the local financial funds; and establish the reward system, and reward the outstanding green mining enterprises.

In the scope of *the Fields of High and New Technology Mainly Supported by the State*, enterprises that continuously make the research and development of the construction technologies of green mines and the transformation of achievements and enterprises which meet the conditions and are identified as high and new technology enterprises may pay the enterprise income tax with a deduction rate of 15% in accordance with the law.

(x) The green financial support policies shall be innovated. Under the premise of strengthening the assessment and management of environment, health, safety and social risks of investment projects in the mining field, the banking financial institutions shall be encouraged to develop the credit products of green mines in accordance with the actual conditions of the region. Under the principle of risk control and commercial sustainability, the financial support of environmental recovery and management, heavy metal pollution prevention, resource recycling and other aspects for green mining enterprises shall be increased.

Financial institutions shall be encouraged to provide financial services and financing support to the green mining enterprises which have a sound management system of environment, health, safety and social risks, disclose information timely and interact well with the stakeholders, and have purchased the environmental pollution liability insurance whose products are competitive, marketable and profitable.

Provincial governments shall be encouraged to set up a green mining project library, strengthen their support for green credits, and incorporate the green mine information into the enterprise credit information system as an important reference for banks to handle credit business and for other financial institutions to provide services.

The government guarantee institutions shall be supported to explore the establishment of the structured green mining guarantee funds to provide the credit enhancement services to green mining enterprises and projects. The social capitals shall be encouraged to set up various green mining funds to provide the financial support to the green mining projects.

The qualified green mining enterprises shall be promoted to be listed on the domestic SMEs board, GEM and the main board, and listed for financing on NEEQ and the regional equity markets.

IV. Innovate the evaluation mechanism and strengthen supervision and management

(xi) The enterprise construction shall reach the standard. The mine enterprises which have completed the construction tasks of green mines or met the requirements of the construction of green mines and related standards shall evaluate themselves, and submit the evaluation report to the competent department of land and resources of the city and county level. Land and resources, environmental protection and other relevant departments of the city and county level shall entrust a third party to make the on-site verification in the form of government purchase of services. The projects which meet the requirements of the construction of green mines shall be reported to the provincial authorities, incorporated into the list of green mines in China, and open to the public and supervised through the green mining development service platform. The green mining

enterprises included in the list automatically enjoy the relevant preferential policies.

(xii) Social supervision and punishment for breaking promise. Green mining enterprises shall actively accept the social supervision, establish a complaint-response mechanism for major environmental, health, safety and social risk events, and respond to the demands of the local people, social groups and other stakeholders in a timely manner. In accordance with the requirements of "double random, one public", provincial land and resources, finance, environmental protection and other relevant departments shall make the spot check of the mines which have been included in the list of green mines irregularly. The relevant departments at the city and county level shall be responsible for the daily supervision and management. Together with finance, environmental protection and other relevant departments, Ministry of Land and Resources shall regularly evaluate the construction of green mines in different provinces (autonomous regions and municipalities). The projects which do not meet the requirements and relevant standards of the construction of green mines shall be removed from the list and publicly exposed, and they shall not enjoy all kinds of supporting policies, such as mineral resources, land and finance; and if the construction tasks of green mines in the transfer contract of mining rights are not fulfilled, the relevant examination and approval departments of mining rights shall promptly investigate the relevant liability for breach of the contract in accordance with the provisions.

V. Carry out the division of responsibilities and coordinate and promote together

(xiii) Division of labour, cooperation, and joint promotion. Ministry of Land and Resources, Ministry of Finance, Ministry of Environment Protection and General Administration of Quality Supervision shall be responsible for the overall deployment of the green mining development work, define the direction of development, policy orientation and construction target requirements, and strengthen the work guidance, organization, coordination, supervision and inspection of the provinces (districts and cities) together with relevant departments. Under the unified leadership of the people's government at the same level, land and resources, finance, environmental protection, quality supervision, banking supervision, securities supervision and other relevant departments and institutions at all levels shall work closely together in accordance with the responsibilities and form a joint force to accelerate the construction of green mines.

The provincial department of land and resources shall be responsible for the organization and promotion of the development of green mining in the province (district and city) together with relevant departments such as finance, environmental protection and quality supervision, specially formulate the work plans, establish the green exploration and demonstration projects, formulate the local standards for the construction of green mines, improve the technical standard system of green mines in the main industries, make the supporting policy measures, organize the city and county level to accelerate the green exploration and the construction of green mines; according to the work layout requirements of Ministry of Land and Resources and other departments, optimize the development demonstration areas of green mining, guide the corresponding cities and counties to make the construction work plan, do a good job in organization, promotion, supervision and management; and report the relevant progress and effectiveness to Ministry of Land and Resources and other departments, and supervise the

inspection before the end of each December.

Under the leadership of the people's government of the same level, land and resources, finance, environmental protection and other relevant departments of the cities and counties shall be responsible for the implementation, put forward the specific work measures strictly according to the work plan, urge mine enterprises to carry out the green exploration, build the green mines, and do a good job in daily supervision and management.

The guidance of the technical committee for standardization shall be strengthened, the China Mining Association and other industry associations and enterprises shall be encouraged to participate in the research and formulation of green mine standards, and the national standards and industry standards for green mines shall be gradually summarized and formed.

(xiv) Award and subsidy incentives and leading by demonstration. The departments in charge of land and resources and finance at all levels shall establish the incentive system to reward green mines with remarkable results. Ministry of Land and Resources and Ministry of Finance will select a certain number of excellent green mines from the list of green mines in China every year to praise and give rewards, and play a demonstration and leading role with the relevant departments.

(xv) A platform shall be set up to publicize and promote. The portal website of Ministry of Land and Resources shall construct a green mining development service platform, release the green mining policy information, the list of green mines in China, the list of green mines and green prospecting technologies and equipments and standards and specification, publicize the green mining progress and typical experience in different places, etc. The role of bridge linking of China Mining Association and other industry associations shall be given full play to, and the self-discipline of the industry shall be strengthened. The scientific research institutes and consulting institutions shall be encouraged to participate in the construction of green mines, and strengthen information sharing and promotion.

These implementation opinions shall come into force on the date of issuance and be valid for five years.

Ministry of Land and Resources, Ministry of Finance, Ministry of Environmental Protection, General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China, China Banking Regulatory Commission and China Securities Regulatory Commission

March 22nd, 2017