

## Air Quality Management

### Dust Control

Silvercorp is dedicated to following the relevant policies, regulations, and standards on air pollution prevention and control, comprehensively monitoring air pollutants emissions and striving to improve the comprehensive treatment of air pollution and ensure compliance with emissions requirements.

We entrust qualified inspection institutions to carry out quarterly air quality inspections. In Fiscal 2022, the monitoring frequency of fugitive and non-fugitive emissions in the production process of all our mining areas was increased to once every quarter. Henan Found installed enclosed ore storage facilities equipped with artificial fog systems in the Yuelianggou and Donggou mining areas and repaired and sealed the workshops of the processing plant, significantly reducing the amount of fugitive emissions. Henan Found also

applied and passed the evaluation for Class A Enterprise in Key Industries of Henan Province.

Silvercorp formulated and follows the *Company Dust Prevention and Control Implementation Plan*, a targeted plan for dust prevention and treatment that includes measures like keeping dust-producing parts and equipment enclosed to control dust at the source, upgrading dust control measures in production and transportation operations, and strengthening and modernizing dust control systems and capabilities. The Company also strives to comprehensively utilize dust where possible: dust produced by the ore crushing system is collected and mixed with water to become pulp, which is then pumped to the flotation workshop.

Sources of Dust	Dust Control Methods
Waste rock yard	Reducing dust with dust nets and water spraying.
Transportation roads	Regularly cleaning roads, covering up transportation vehicles, and automatically cleaning vehicles entering and exiting our plants.
Ore stockpiles	Paving the ore storage facilities and spraying water to reduce dust in the mining areas; using covered ore storage facilities and artificial fog systems to reduce dust in the processing plants.
Industrial site	Using wet dust removal equipment and bag filters in the processing plant; installing dust collection facilities and water spraying at the dust production points. Sealing up the top space of sifting workshops and ore concentrate storage, collecting air with particulate waste using airtight exhaust, and using bag filters to remove the particulate waste.

### Actions in Fiscal 2022

#### Ying Mining District

- Built enclosed ore storage facilities equipped with artificial fog systems in the SGX-HZG mining area and the Donggou section of the TLP-LM mining area to reduce dust and fugitive emissions.
- Hardened the road in the tunnel on the ore transportation route and bought sprinkler vehicles to reduce dust.
- Upgraded the vehicle washing device in the SGX-HZG mining area to cleaning vehicles entering and exiting the mining areas to reduce dust.
- Sealed workshops to reduce dust and replaced ordinary filter bags on the bag filters with membrane filter bags to improve dust removal efficiency.

#### GC Mine

- Used sprinkler vehicles to reduce dust according to weather conditions.
- Hired an inspection institution to conduct quarterly inspections at dust collector exhaust outlets of the processing plant in accordance with the Class II Standard of the second period of the *Guangdong Province Air Pollutant Emission Limits (DB44/27-2001)*.
- Hardened the road to the TMF to reduce dust.

## Air Pollutant Management

The Company actively carries out flue gas control and strives to reduce the amount of flue gas generated in its production and operation activities. Beginning in 2018, the Company has replaced all coal-fired boilers with electric boilers, eliminating sulfur oxide emissions. In Fiscal 2022, Henan Found purchased

new electric trucks for ore transportation, reducing exhaust emissions from fuel vehicles, and installed acid mist absorption equipment in the laboratory and the processing plant, collecting and processing the acid mist generated in the filtration workshop to ensure compliance with emissions standards.

Air Pollutant Emissions	Fiscal 2022	Fiscal 2021	Fiscal 2020
Sulfur oxides (SO <sub>x</sub> )(tonnes) <sup>Note 1</sup>	0	0	0
Nitrous oxides (NO <sub>x</sub> ) (tonnes) <sup>Note 2</sup>	500.07	464.06	458.31
Ammonia nitrogen compounds (NH) (tonnes)	0.526	0.53	0.50

Note1: Our mines have replaced all coal-fired boilers with electric boilers so that no sulfide emissions are produced.

Note2: Includes nitrous oxides from mine blasting and diesel/gasoline combustion. The increase in NO<sub>x</sub> emissions is mainly due to the increase in underground tunnelling and ore production.

