

Batian moves to secure more Phosphate Ore with Guizhou mine expansion

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The 2.9-million-tonne annual work safety license strengthens Batian's control over phosphate supply and supports its integrated phosphorus chemicals strategy



Shenzhen Batian Ecotypic Engineering Co., Ltd. has expanded its phosphate mining capacity in China after its wholly owned subsidiary secured an upgraded work safety license for the Xiaogaozhai Phosphate Mine in Guizhou Province. Guizhou Batian Ecological Engineering Co., Ltd. received the new license from the Guizhou Provincial Department of Emergency Management on August 31, 2026. The license permits underground phosphate ore mining at an annual capacity of 2.9 million tonnes and is valid through August 30, 2029.

The upgrade increases the mine's permitted production capacity from the 2 million tonnes a year covered by its previous work safety license, issued in February 2025. The higher capacity is expected to increase Batian's access to phosphate ore and strengthen the company's position across the upstream end of its phosphorus-based business. The Xiaogaozhai project has been part of Batian's long-term resource strategy for more than a decade. In April 2014, Guizhou Batian signed an exploration rights transfer agreement with the Guizhou Mineral Rights Reserve and Trading Bureau, securing exploration rights for the phosphate mine in Weng'an County.

Six years later, the company obtained its mining license, formally moving the project into the extraction phase. The latest approval marks another step in Batian's effort to connect its mining operations with downstream phosphorus processing and higher-value products. The company expects the additional capacity to improve the efficiency of its upstream and downstream operations while supporting the development of an integrated phosphorus chemicals business.

That strategy extends beyond phosphate concentrate. Batian is also building capabilities in high-purity phosphoric acid and phosphate salts, as well as phosphorus-based materials used in the new-energy battery industry. The expansion could therefore give the company greater control over a critical raw material while creating additional opportunities to capture value further down the production chain. Higher-grade phosphate ore and more efficient resource utilisation are also expected to support the company's longer-term growth plans.

For Batian, the significance of the new license goes beyond a higher production number. Securing additional permitted mining capacity strengthens its resource base at a time when control over upstream mineral supplies is becoming increasingly important for companies operating across fertilisers, specialty phosphorus chemicals and battery materials. The Xiaogaozhai mine is expected to play a central role in that strategy as Batian continues to expand production and build synergies between mining, phosphate processing and emerging phosphorus-based new-energy materials.

The company's focus will now be on translating the expanded mining capacity into higher output and greater efficiency across its integrated phosphorus value chain.