

The Vaisala CARBOCAP® Carbon Dioxide Transmitters GMT221 are designed to measure carbon dioxide in harsh and humid environments.



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Production plant CO₂ monitoring for health and safety in China

Health and safety issues, along with increasingly stringent environmental requirements, are becoming more and more important. These issues are also increasing in importance at different industrial production facilities around China.

Efficient indoor air carbon dioxide measurement and control is one way to improve the on-site safety and wellbeing of production staff. Carbon dioxide levels are a good indicator of indoor air quality and ventilation efficiency. Controlling ventilation according to carbon dioxide levels ensures that indoor air can be kept fresh without wasting energy.

Some Chinese tobacco companies, such as Yun'nan and Bengbu, have recently discovered the benefits of the Vaisala CARBOCAP® Carbon Dioxide Transmitter GMT221 at their production facilities, and replaced their previous systems with Vaisala systems. The GMT221 transmitters are specifically designed for industrial applications. They withstand harsh and humid environments, and the housing is dust- and waterproof.

Yun'nan and Bengbu have installed the GMT221's particularly around their expansion towers to monitor CO₂ levels. When the CO₂ concentration reaches a certain level, an external sound and light alarm is triggered with the GMT221 relays, and the ventilation is activated.

Further information:
www.vaisala.com/gmt220