



# Leaders in Specialty Gas Solutions

**CAC**  
G A S A S I A

Gold Mining Solutions

CAC Gas provides specialty and calibration gas solutions throughout the entire gold mining process. Our gases are offered in a variety of cylinder sizes to meet the requirement at each step of the process.

We also offer a full line of gas control products and gas distribution systems, providing a complete solution for all applications within the gold mining process.



## Mining (Open Pit and Underground)

- Blasting – Nitric (NO) Post Blasting
- Underground Gas Monitoring– CH<sub>4</sub>/H<sub>2</sub>S/CO
- Underground Drillers – 4 Gas Monitor Mounted on Drill Rig
- O<sub>2</sub>/CH<sub>4</sub>/H<sub>2</sub>S/CO – (SO<sub>2</sub>-depending on mine location).



## Crushing & Transport

- Vehicle Emissions - CO & NO<sub>2</sub>
- Breath Alcohol - Ethanol Calibration
- Vehicle Interlocks/Testing Employees Entering Workplace



## Grinding & Sizing

- Roasting to Remove Sulphur in Ore
- H<sub>2</sub>S &/or SO<sub>2</sub>

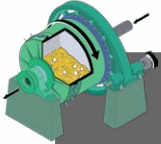


*Custom Gas Mixtures*

*Gas Control*

*Gas Generators*

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## Leaching & Adsorption

- Cyanide is used in cyanide/carbon leaching producing HCN



## Water Treatment

- Maintenance – Service Teams
- H<sub>2</sub>S/CO/CH<sub>4</sub>/O<sub>2</sub> & CL<sub>2</sub>



## Emergency Response

- Rescue Situations; Normally 4-6gas Monitors O<sub>2</sub>/CH<sub>4</sub>/H<sub>2</sub>S/CO
- HCN & NO Single Gas



## Maintenance

- Confined Space Entry
- Maintenance – Service Teams for Operational Use
- O<sub>2</sub>/CH<sub>4</sub>/H<sub>2</sub>S/CO



Custom Gas Mixtures

Gas Control

Gas Generators

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