

# UCEM CHIMBORAZO'S EMERGENCY POWER: EXPERTLY DELIVERED BY CUMMINS



## **WHERE:**

Riobamba - Ecuador

## **SUPPLY:**

1 x 1250DQGAE (1250 kVA)

generator

Soundproof container 82dB(A)

PowerCommand Cloud™

3.3 Controller

## **PURPOSE:**

To install an emergency generator set for a new clinker line and connect to existing hydroelectric plant to improve capabilities



# CUMMINS PROVIDED AN INTEGRATED CONTINUOUS POWER SUPPLY TO UCEM CHIMBORAZO'S HIGH-ALTITUDE CEMENT PLANT.



UCEM Chimborazo is the second largest cement plant in Ecuador, currently producing around 1.6m tonnes of cement annually, so an infallible power supply to its new clinker line is essential. Cummins was awarded the bid for this emergency power supply contract, thanks to an excellent business relationship between Cummins Spain and IMASA & SACYR in Ecuador.

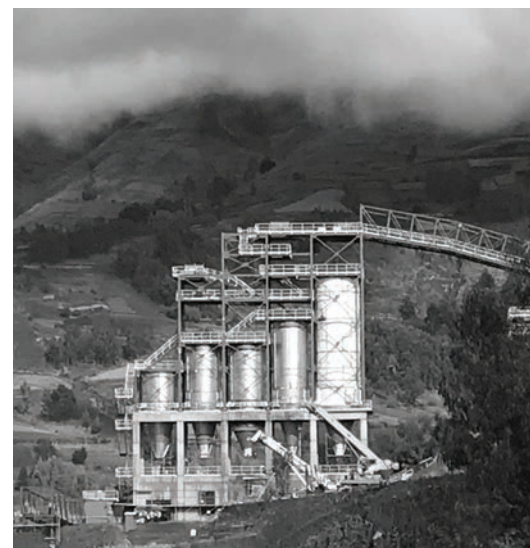
With two existing utilities feeding all loads, a third option, capable of managing all critical loads in an emergency situation was required. It was also vital that any new power supply connects to the existing hydroelectric plant to optimize capabilities.

Installing its 1250DQGAE generator set was a challenge due to the cement plant's location, more than 3,000m above sea level, but Cummins' expertise and extensive experience overcame the environmental obstacles. To address the issue of noise, the generator set was housed in an 82dB(A) soundproof container, and the Cummins technical team countered the dry environment by installing motorized louvers to provide positive ventilation and dust filters to protect the equipment and ensure adequate airflow.

This was a truly collaborative project. With the sale made in Spain and commissioning and installation carried out in Ecuador, Cummins was able to provide a fully global experience to the customer.

The procurement team was impressed with Cummins' technical support during the bidding process and fully confident in the reliability of the products, customer service, efficiency and highly regarded global brand reputation, especially at site level.

**Cummins knowledge base in various locations and experience in coordinating different teams and cultures highlighted its excellent relationship with local distributor, Indusur, which contributed to the success of this challenging installation project.**



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