



## COAL-FIRED POWER PLANT

### COLIRIS

- 1 m90
- 4 infrared cells
- DIS 100 Hz Technology
- Integrated heating
- pre-assembled columns
- 50m - 100m - 200m range



### Key figures

44  
COLIRIS columns



A coal-fired power plant in Dangjin in South Korea wants to secure its site, and in particular access to its coal conveyor belt.

In recent years, there have been many accidents and measures to improve worker safety have become a major priority.



### CONSTRAINTS TO TAKE INTO ACCOUNT

Fixed fencing cannot be installed where the dispenser travels on a rotary conveyor belt.

### OUR SOLUTIONS

As a result, the Power Generation Technology Development Institute of the East-West Power Company has developed a «Conveyor Access Control System» that combines SORHEA active infrared barriers with ICT-based security technology since December 2019.

The conveyor access control system automatically sends an alarm when a worker approaches the operating conveyor belt, cutting the beams of the infrared barrier.

**Our infrared barrier solution** COLIRIS best suits the customer's needs.

**COLIRIS** form a real infrared curtain, densified by the dual emitter / receiver function of the infrared cells.