

# DRUMMOND **INFORMS YOU**

## **Our Environmental Responsibility**

### Drummond Ltd. uses world-class environmental controls

*\*The international certification company SGS has confirmed that Drummond Ltd. uses global state-of-the-art control equipment and systems for preventing, controlling and mitigating the possible emissions generated by their operations.*



**Mist-generating spray operating from a shovel bench.**

Drummond Ltd. has worked on implementing actions and good practices that go hand in hand with environmental conservation since it began operating in Colombia. In 2012 the company began using fog cannons in Colombia to mitigate the particulate matter generated in the shovel work area and the coal yards and implemented a fleet of 30 tankers each with 18,000 gallon capacity to wet the roads which both contribute daily to environmentally-friendly efforts.

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# Drummond Ltd. uses world-class environmental controls\_Part 2



*\*To control emissions of particulate matter, Drummond has seven turbine-type fog cannons that operate from the shovel bench to keep dust particles from expanding with the movement of this mining equipment while the trucks are loaded.*

To operate these types of water sprayers, water is taken from a 4,000-gallon supply tank, which is filled periodically by a tanker. The water used in this process is collected from the rainwater pools repurposing the collected water.



Another one of the sprayers used in the operations is the water cannon. There are 13 of these water cannons that wet the shovel work area with recycled water which minimizes the emissions of particulate matter when the material is loaded.

# Drummond Ltd. uses world-class environmental controls\_Part 3



**Fog curtain, located at the Dispatch lookout in the Pribbenow Mine.**

One of the company's guidelines is to perform actions that allow operations to be in harmony with the surroundings. Therefore, in addition to the implementation of the water sprayers, each employee of Drummond Ltd. is aware of the importance of driving at speeds that contribute to the reduction of particulate matter.



The process of wetting and compacting coal in cars and washing it is also part of the sustainable actions that the company takes to mitigate particle emissions.

# Drummond Ltd. uses world-class environmental controls\_Part 4

Another one of the mitigation measures is the constant watering of roads in the Pribbenow and El Descanso mines. This activity is performed using a fleet of 30 tankers, the largest in the country by unit of production.



The implementation of these mitigation measures is possible thanks to the teamwork by different areas of the company.

**Drummond Ltd., a good neighbor!**