



Gladstone Ports Corporation
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Media Release

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Misting sprays to be installed at RG Tanna Coal Terminal

Minimising dust emissions from RG Tanna Coal terminal is of high priority for the Gladstone Ports Corporation.

To that end, the board has agreed to install an automated misting spray system along the overhead gantries adjacent to the stockpiles.

CEO Leo Zussino said studies have confirmed water addition using mist particles of similar size to dust particles is the most effective method to reduce dust travel through the air.

“The misting system will be positioned to provide a primary mist to prevent the majority of dust travel, with a secondary system positioned close to the site boundary to ensure any remaining dust is captured.

Mr Zussino added the misting system would be controlled from the control room and activation would be based on wind speed, wind direction, coal type and tripper position.

“An added benefit of the misting sprays is they will reduce our consumption of water on the site,” Mr Zussino said.

“At the moment we are using water cannons and trucks to prevent dust.

“The problem with the water cannons is that they lack the accuracy to target the dusty areas and are large water users.”

Mr Zussino said a preliminary design and a number of trials have been completed to establish a final design.

“It is expected the system will cost \$1.1 million to implement,” he stated.

Detailed design is expected to be completed this month with the system implemented next year.

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