



QUEENSLAND ALUMINA LIMITED



QAL Alumina Ship Loader Dust Minimisation



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Cascade Chute Installation Photos





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Cascade Chute Operational Photos

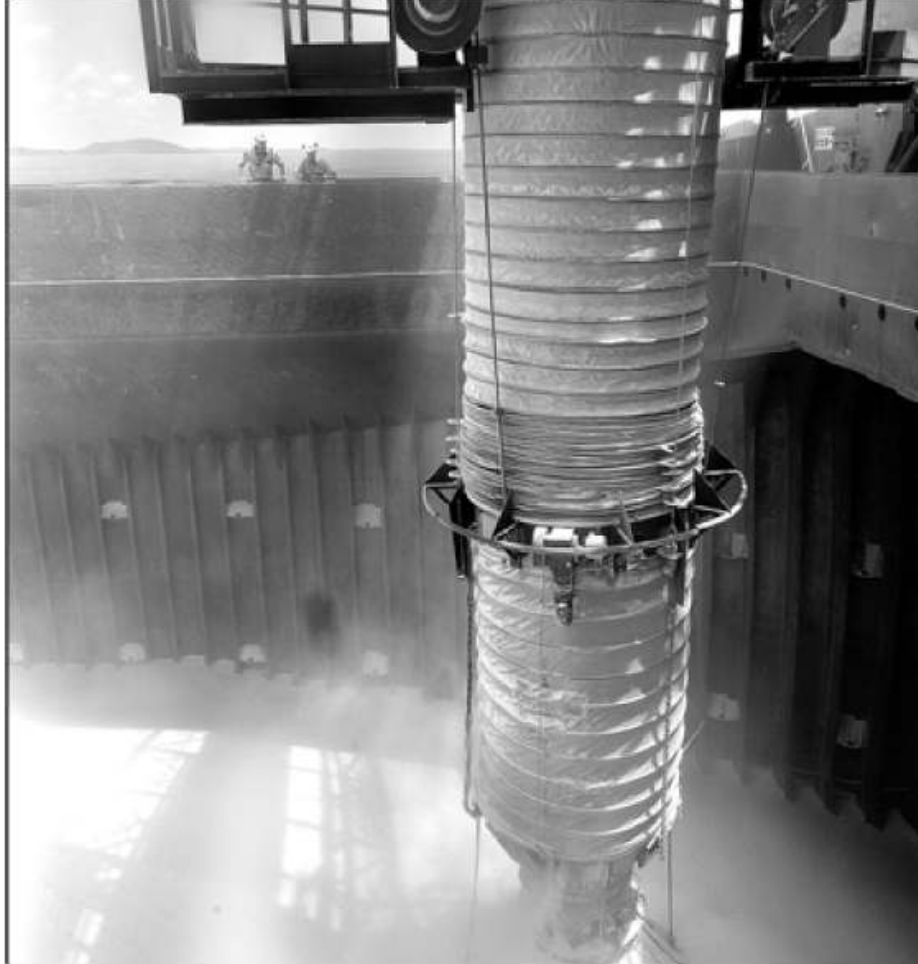


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Operations Comments

- I had to walk out to see if it is working (Operator standing on the loader boom)
- 500% improvement, we can now see what we are doing (Operator during ORG inspection)



Eric Eddy and Malcolm Timm overlook the new loading chutes that have been installed at Queensland Alumina to help minimise the amount of dust emissions. Picture by MATT CARTY chut061206-2

Chute to reduce QAL dust

QUEENSLAND Alumina Limited has installed a \$2.4 million loading chute for its alumina exports which will reduce dust emissions.

The cascade chute for loading alumina into ships is expected to be a great improvement on the old telescopic chute where the alumina exited into the hold of the ship at substantial velocity.

The cascade chute, which is utilised by a number of wharf facilities throughout the world, enables the product to cascade slowly into the ship's hold, minimising velocity and airborne dust.

QAL managing director Johann van Zyl said the upgrade was proof of QAL's ongoing commitment to reducing environ-

mental impacts beyond the plant's boundaries.

"The chute is still being fine-tuned to obtain maximum performance, however the impact of the new technology is evident already," he said.

Mr van Zyl said the chute was part of a \$233 million program for environmental improvements.