



Cleveland Cascades Limited

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Case Study

PHB Weserhutte installs Cleveland Cascades Ship loader in Saudi Arabia

Customer	PHB Weserhutte	Location	Al Jubail, Saudi Arabia
Date	July 2010 (Re-commission April 2014)	Material handled	DAP, Fertilizer
Application	Ship loader	Loading rate	2,000 tonnes per hour
Chute Type	CCL 1700 Series	Chute Length	16 metres



PHB Weserhutte has recently assigned **Cleveland Cascades Limited** to re-commission the Cascade Loading Chute for Ma'aden Phosphate Company, originally supplied in 2010 at their facility in Al Jubail, Saudi Arabia.

Loading Diammonium Phosphate (DAP) for distribution to India and Australia for use in the agricultural industry, the Cleveland Cascade Chute is an effective system, loading 1.5 million tonnes annually.

Established in 2004, and with over 600 systems already in operation throughout the world, **Cleveland Cascades Limited** is at the forefront of the bulk loading industry.

The company's expert teams in design, manufacture, assembly and commissioning are constantly striving for innovative solutions in bulk handling and loading of problematic materials.

For further details on our innovative bulk material loading solutions please contact us by email, fax or telephone using the contact details shown above.



The Cascade Loading Chute is used to Diammonium Phosphate, a valuable fertilizer, and is capable of loading at rates of up to 2000tph. Annually, the chute has a loading capability of up to 1.5 million tonnes.



The chute is equipped with a rotating trimming spout that distributes the DAP into hard to reach areas underneath the hatch-coamings of ships. This maximises the available loading space as well as minimising loading times.

