

BRISTLE BLASTER®

Curtis Island LNG Project

MONTI

YOUR SURFACE - OUR PASSION

Gigantic Bristle Blaster® project at 23°46'20"S | 151°11'38"E

The MONTI Bristle Blaster® has been a significant tool at three simultaneous LNG construction programs that are part of the largest concentration of private-capital investment in Australia's history.



The Implementation

After five years of heavy work the Queensland Curtis LNG Project was completed in November 2015. Besides general construction it involved the construction of 540 km of buried pipeline, which gave the project a special challenging character. As Curtis Island is located near Gladstone Harbour / Queensland, which is well known for extreme exposure to salt water and humidity, the facility is therefore largely constructed from stainless steel. During the pipeline construction phase, approximately 300 Bristle Blaster® and 12.000 steel belts were used. For the surface preparation of stainless steel the request was for 80 Bristle Blaster® machines and 4.000 stainless steel belts. The patented Bristle Blaster® technology was largely used for weld seam preparation and field joint coating, as well as surface preparation on general structures where welding and coating was required.



The Task

In quick succession, the international Queensland Curtis LNG (a BG Group company), Australia Pacific LNG (a joint venture of ConocoPhillips and Sinopec) and Santos GLNG (a joint venture of Santos, Petronas, Total and Kogas) each hired several international companies to design and build a liquefied natural gas complex on Curtis Island, off the shore of Queensland. These three huge plants are producing LNG for use by Australians and for customers in China, Korea, Japan, and Malaysia. Together they will account for roughly 8 percent of the global LNG production.



Why Bristle Blaster®?

Much of the demand for use of the Bristle Blaster® came about as a result of coating manufacturers specifying the tool for the surface preparation. Whilst contact with some of the contractors was already in place, the key to covering all contractors was having the coating companies specifying our technology.



The Future

Although the construction of the Curtis Island LNG project has come to an end, the use of the Bristle Blaster® will not stop. Due to heavy weather and environmental conditions the maintenance phase is expected to commence directly in 2016. Bristle Blaster® Australia is active with both the maintenance contractors and coating suppliers to ensure that the patented Bristle Blaster® technology is used in this maintenance.

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