

Project Case Study

BG Everest

Client:	AMEC Group Ltd
End User:	BG Group
Capacity:	25 m ³ /d
Contract Value:	circa £0.5M
Scope:	Design, manufacture & commission
Contract Completion:	November 2011 to November 2012



General

The North Everest ALQ (Additional Living Quarters) project had a number of essential upgrades required for the increase in Persons on Board (PoB) from 60 to 80. One of the essential upgrades was an increased capacity potable water generator.

Salt Separation Services provided preliminary information to the client to enable a preliminary study to be undertaken. The official tendering process took place from August 2011 until October 2011.

Project Details

AMEC Group Ltd awarded the contract for the water maker in November 2011.

The package is installed in a 20' DNV2.7-1 container. The container is insulated and is fitted with a personnel door, escape hatch, heating, lighting, ventilation, smoke detection and CO₂ detection.



The package is suitable for operation in a Zone 2, apparatus group IIB, temperature class T3 hazardous area and conforms with the requirements of ATEX.

The package was designed and manufactured to comply with client specifications, including the use of materials suppliers qualified to Norsok M-650.



Prior to despatch, the package was subject to a comprehensive client witnessed Factory Acceptance Test at our Rochdale works.

The package was designed, manufactured and tested at our Rochdale works, including all Carbon Steel, Stainless Steel and Super Duplex Stainless Steel fabrications.

The plant has been designed to require minimal man power and is highly automated.



Process Flow

