

# LAGGAN-TORMORE GAS PLANT



WHEN A DEMANDING PROJECT IN ONE OF THE MOST ISOLATED PARTS OF THE UNITED KINGDOM PRESENTED ITSELF, CEMEX WERE ABLE TO RISE TO THE CHALLENGE...



Traditionally, when concrete is ordered to site, it arrives in the back of a truck that has travelled only a few miles from a local plant. When Morrison Construction

began planning the construction of a Gas Processing Plant on the Shetland Islands, they realised that the concrete supply involved a number of complex logistical challenges that required a unique solution.

## → THE CHALLENGE

Delivering over 25,000m<sup>3</sup> of readymixed concrete to a single project requires a large amount of planning and communication. Doing it on an island 226 miles north of Aberdeen required CEMEX to coordinate and utilise resources from right across our entire business. With no people, assets or raw materials available on the island, CEMEX had to build a bespoke supply chain solution to meet the demands of our client, whilst taking account of the seasonal variance in weather conditions and the vast distances involved in bringing materials to the island. The added complication of working on a live gas storage area also provided a heightened safety risk to the operation.

## → THE SOLUTION

From the initial enquiry, CEMEX worked very closely with Morrison Construction to build a robust solution for the project. CEMEX formed a project team early on which included National Commercial, Operations, Marine, Health & Safety, Logistics and Engineering

teams who worked alongside their local Scottish colleagues to build a comprehensive plan which utilised the vertically integrated strengths of our business. Plans were submitted for the erection of a site batch plant, along with associated raw material storage areas and welfare facilities. Logistics plans were developed to move all raw materials by ferry from the mainland whilst maintaining a consistent supply rate to enable continuous concrete production on site. Communication between CEMEX and Morrison Construction was key to the success of the project, allowing CEMEX to accurately coordinate materials from the mainland. CEMEX also utilised our strong Health & Safety culture to ensure that operations progressed safely and complied with the clients own policies.

## → THE OUTCOME

CEMEX were able to deliver a reliable and collaborative on-site supply solution in a challenging environment, proving that choosing a supply partner with the right experience and expertise **can make a tough job that much easier.**

## KEY FACTS

- » Contract - Laggan Tormore Gas Processing Plant, Shetland Islands
- » Customer - Morrison Construction on behalf of Total UK
- » Volume - Over 25,000m<sup>3</sup> of Ready-Mixed Concrete  
12,000t of Cement & 27,000t of Aggregate





## **CEMEX UK Materials**

CEMEX House  
Coldharbour Lane  
Thorpe  
Egham  
TW20 8TD

Telephone: **01923 568 833**  
Email: **[gb-enquiries@cemex.com](mailto:gb-enquiries@cemex.com)**  
Website: **[www.cemex.co.uk](http://www.cemex.co.uk)**

