

ALKEGEN APPLICATION STORY



Product Solution: CRS WRAP® Cryogenic Insulation

Industry: Oil and Gas

Application: Cryogenic Insulation for LNG Piping

Location: Australia

CRS WRAP® Cryogenic Insulation

BUSINESS CHALLENGE

As a subcontractor to various EPC projects the customer was manufacturing vacuum jacketed piping for LNG export terminals in Australia and the United States. Due to a great temperature difference between ambient and LNG the piping needed a high efficiency insulation to enable greater quantities of LNG delivered to desired destination.

SOLUTION

Alkegen partnered with Cryeng Group Pty Ltd, who is responsible for engineering and design of the LNG infrastructure, to complete the project. Cooperation between Alkegen and Cryeng spans over a ten-year period and has proven that Cryeng's engineering and design expertise in combination with Alkegen's high performance Cryogenic Insulation and application support deliver the utmost performance and efficiency. The Australian and US projects have been successfully commissioned and are in operation.

BENEFITS

When wrapped on the inner vessel or pipe containing the liquefied gas, CRS WRAP® protects the liquid from radiation heat transfer. This reduces heat inleak and boil off, which results in reduction of losses of valuable liquid. The vacuum jacketed piping insulated with CRS WRAP® provides consistent performance, energy savings, maintenance reduction and significant cost savings through the life of the installation.

The following are registered trademarks of Alkegen: CRS WRAP®

The test data shown are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes. Product Information Sheets are periodically updated by Alkegen. Before relying on any data or other information in this Product Information Sheet, you should confirm that it is still current and has not been superseded. A Product Information Sheet that has been superseded may contain incorrect, obsolete and/or irrelevant data and other information.



PRODUCT DESCRIPTION

CRS WRAP® cryogenic insulation is a multilayer system with alternating layers of cryogenic tissue and aluminum foil.

CUSTOMER DETAILS

Cryeng Group are specialists in all stages of engineer-to-order cryogenic projects including concept, design, fabrication, client & project management, and site based services. Incorporated in 1965, their once small fabrication shop in Western Sydney has grown into a truly global company with offices throughout Australia, Thailand and Indonesia.

Alkegen

Email: info@Alkegen.com

Telephone: 716-768-6500

Canada: 1-800-635-4464