ICHTHYS GAS FIELD
WESTERN AUSTRALIA

PROJECT OVERVIEW

Atlantic, Gulf and Pacific (AG&P) was contracted to undertake the design and construction of on and off-shore modules for the Ichthys Gas Field located off the coast of Western Australia.

AG&P have two large fabrication yards at Batangas, Philippines and engage permanent staff of 300 engineers and technicians, which grows to 10,000 during the peak periods of the project.

Located off the coast of Western Australia, Ichthys covers approximately 800km² and is estimated to contain more than 12 trillion cubic feet of gas as well as substantial oil recovery. Ichthys is the largest discovery of hydrocarbons in Australia in the last 40 years and will be exploited by INPEX, a Japanese oil and gas company.

B&R worked closely with AG&P and Inpex from the very beginning of the Ichthys project to provide advice and custom built distribution boards and junction boxes tailored to meet the needs of this project.

B&R designed a combination of IECEx and standard industrial IP66 enclosures manufactured from glass reinforced plastic and 316 grade stainless steel to meet INPEX’s needs. These enclosure solutions included all value addition and equipment installation. The products supplied by B&R included junction boxes, marshalling enclosures, local control stations, instrumentation enclosures and power & lighting distribution boards.

B&R’s design and technical advice included multiple visits to on-shore project sites and AG&P’s head office and main manufacturing facility in Batangas, Philippines. Working from a general site and project specification, B&R advised AG&P on the requirements to meet local electrical standards as well as the most effective way to house the required electrical equipment on the modules. Factory acceptance testing for this project was conducted at B&R’s manufacturing facility as well as on site.

B&R’s ability to design and manufacture a wide range of products to meet the specific needs of this project to the world’s highest standards is the foundation of the enduring business relationship between AG&P and B&R. AG&P have been the largest International client for B&R since 2014.

As a result of this strong business relationship, B&R and AG&P are looking forward to working together on other major projects in Bangla Desh, Oman and other Middle East projects.

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