

Sakhalin



Project:	Sakhalin
Sector	Industrial
Client:	Sakhalin Energy Investment Company
Contractor:	Worley Parsons
Value (approx.):	£500k
Completion Date:	2007
Description of Works:	<p>Development of onshore facilities for the processing of gas from the Sakhalin II field in the Russian Pacific is proceeding rapidly. Matching this speed, ventilation ductwork fabricators, Hargreaves completed a contract for the delivery of over 200 linear metres of heavy duty stainless steel ductwork. The order, valued at £450,000, for the general extract and emergency ventilation ductwork was received in November. This required a fast turn-around to make the tight delivery schedule.</p> <p>Hargreaves makes a speciality of high speed energy industry supply contracts. In a five month period in 2005 they supplied to the Tengiz oilfield in Kazakhstan 140 tonnes of ductwork at an ex-works cost of £600,000. Like the Tengiz contract the Sakhalin order is for complete sections of rigid ductwork designed for quick and easy positioning and installation by local labour.</p> <p>The Sakhalin ventilation systems will be used on four compressor stations to discharge excess heat from plant to ensure general comfort. In addition, they will play a vital role of emergency smoke evacuation if there is an incident. The emergency ductwork is similar in construction to Hargreaves' fire tested and certified HFD Series fire duct and has a proven two hour fire rating. It will be supplied with fire insulation factory applied under stringent quality assurance systems. This ensures consistency and saves site installation time. Heavy duty 3mm stainless steel was chosen because the ductwork is installed in an aggressive environment where ambient annual temperatures vary from minus 48 degrees Celsius to plus 35 degrees Celsius.</p> <p>The Sakhalin development is part of a multinational effort to develop a new energy source for the Asia Pacific region. The facilities will be operated by Sakhalin Energy Investment Company (SEIC) a consortium in which Russia's Gazprom is the major shareholder, Royal Dutch Shell provides management and technical resources and Japan's Mitsui and Mitsubishi Corporations also have substantial interests. When fully operational, the development will supply energy to nations around the Pacific. The Hargreaves order was placed by Worley Parsons, a world-wide contractor for energy industry infrastructure with headquarters in Australia, on behalf of SIEC.</p>