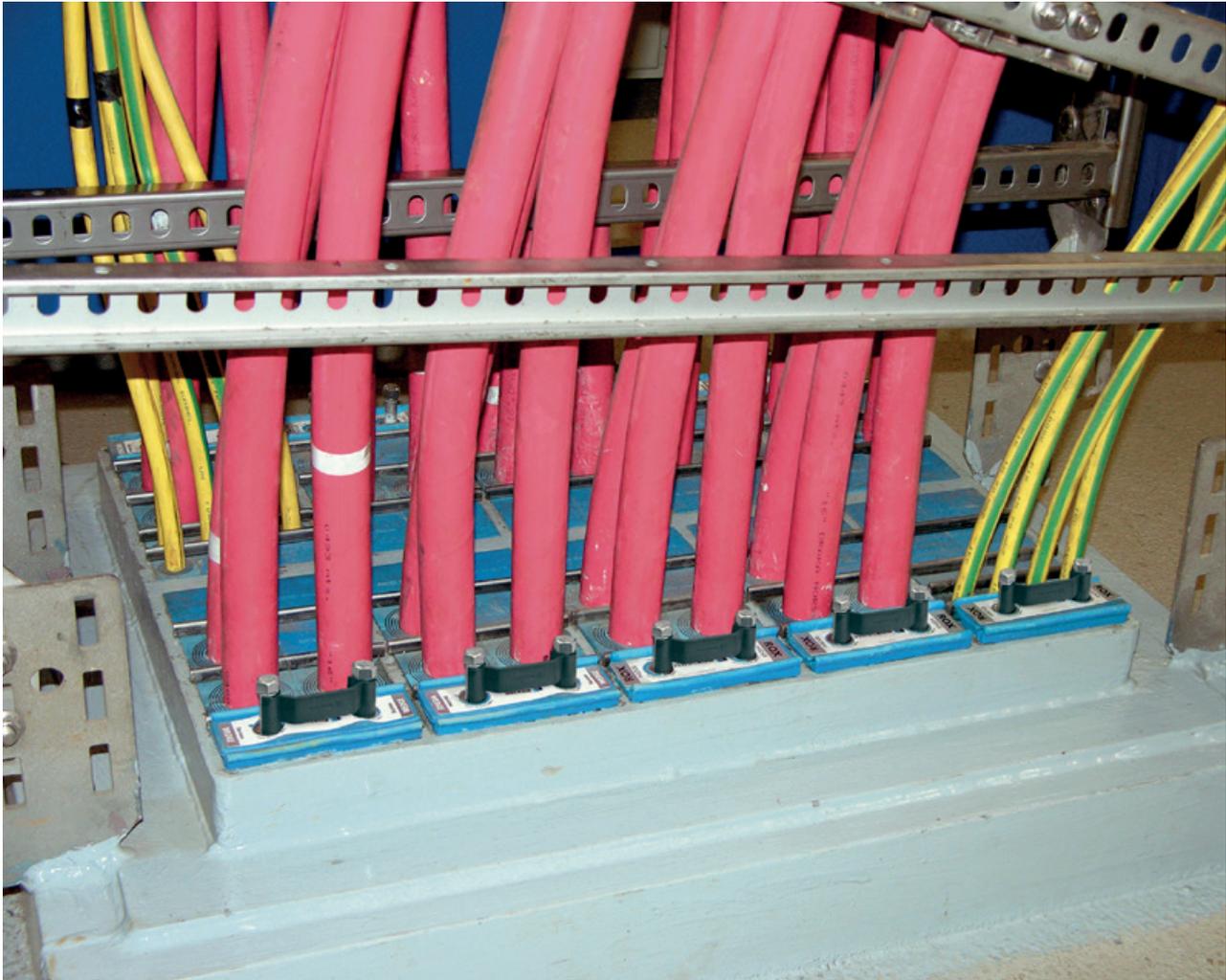




Roxtec on site

Roxtec seals in Kristin Offshore Platform



International engineering challenge

Kristin is a semi-submersible platform built to be operated by Statoil for extraction of gas and condensate in the Kristin gas field in the Norwegian Sea.

The project can be seen as a good example of where Roxtec products fulfill the requirements of a technically advanced construction. Roxtec seals cover a range of sealing requirements including protection against fire, water pressure, gas, the

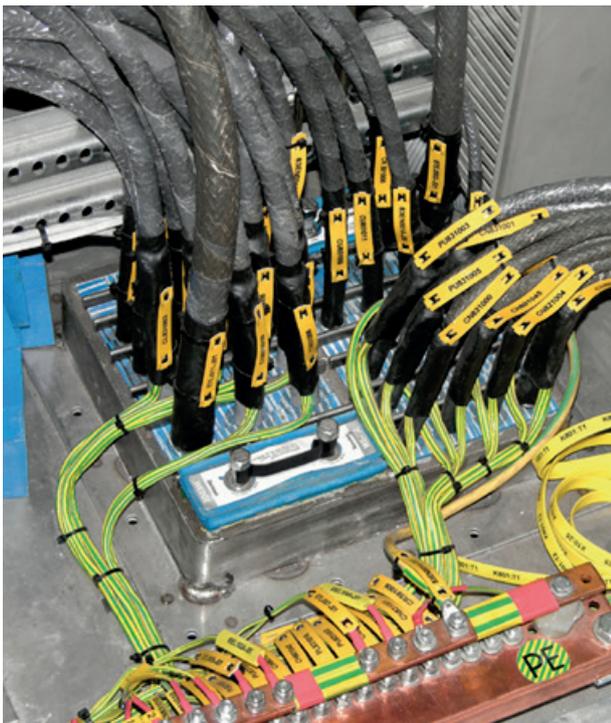
risk of explosion and electromagnetic disturbance. Roxtec has supplied cable and pipe sealing solutions to several of the platform system modules, built in Korea, Sweden, Spain and Norway.

Roxtec supported from start to finish, including technical solutions, installation and validation on site.

4.5 bar



The Kristin project had a requirement for protection against 4.5 bar water pressure. In order to verify the capacity of the offered solutions, Roxtec performed an early pressure test witnessed by DNV, resulting in a specific certificate for the project.



Project facts

Project description

Semi-submersible platform for gas extraction and condensate from undersea reservoirs

Owner

Statoil (operator), Petoro, Norsk Hydro, Exxon Mobil, Norsk Agip, TotalFinaElf

Engineering and main contractor

Aker Kvaerner Engineering and Technology, Oslo, Norway

Construction

Aker Stord, Norway, FC Samsung Heavy Industries, Korea, EPC Emtunga, Sweden, Dragados, Spain

Sealing requirements

- Fire protection A-0-A-60, H-0
- Water pressure 4.5 bar
- Gas-tight and explosion-proof
- Electromagnetic shielding

See more on [roxtec.com](https://www.roxtec.com)

Protecting life and assets

Roxtec is the world leader within flexible cable and pipe transits. Since the start in Sweden in 1990 we have grown successfully to cover all continents. Our passion is innovative sealing solutions, and our goal is to make our world a safer place.

- Extensive R&D resources and advanced test facilities
- Customers in more than 80 markets
- Inventor of Multidiameter™