

# Industry Focus

## Performance and Reliability in Upstream/ Downstream *Oil & Gas*

The Oil & Gas industry has complex and demanding production techniques which often involve high operating temperatures and pressures. In addition, aggressive chemicals and erosion-corrosion also take their toll on equipment, resulting in increased operating costs.

Belzona provides a cost effective solution for such problems by minimizing downtime, the cost of labor, and equipment replacement. In addition, the Belzona solution can optimize the efficiency and reliability of process equipment. For these reasons, Belzona has a wide range of coatings, linings, and composite repairs, which are commonly used on:

- **Process Vessels**
- **Storage Tanks**
- **Pipework**
- **Absorbers**
- **Risers**
- **Heat Exchangers**
- **Filters**
- **Pumps**



# Additional Application Areas Include:

## Upstream Process Equipment

- Lining of process vessels
- Flange face protection and reforming
- Small bore nozzle protection
- Seawater filter protection
- Protection of absorbers, strippers, and evaporators
- Flare knock out drum protection

## Risers

- Corrosion protection
- Rubber sheath damage
- Pitting corrosion damage

## Fenders and Hoses

- Repairs to damaged fenders and hoses

## Downstream Process Equipment

- Protection of absorbers, strippers, and evaporators
- Flare knock out drum protection

## Heat Exchangers

- Rebuilding and protecting against bimetallic corrosion

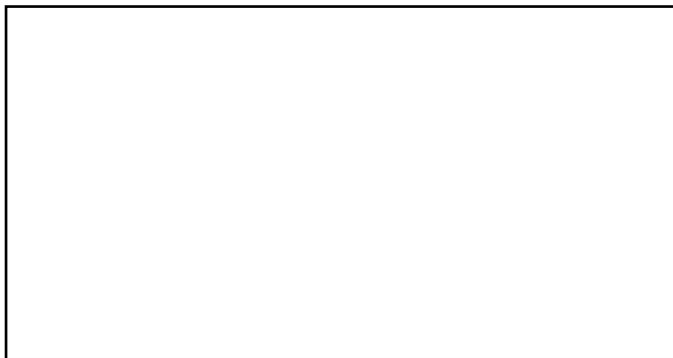
## Pipework

- Sealing leaks and returning strength to thin and holed pipework
- Corroded pipe support repair
- Overcoming corrosion under insulation

## Centrifugal and Vacuum Pumps

- Erosion-corrosion protection

For more information, please contact your local Belzona representative.



## Service

Through a global distribution network, covering 120 countries, Belzona can provide a full 24-hour, on-site service with guidance and technical advice on the application of Belzona products. This service is available through the local Belzona Consultant.

## Experience

Since 1952, Belzona has provided global expertise in the development and manufacture of innovative repair and protection solutions. Across a range of industries, Belzona's track record has gained the confidence of countless engineers, contractors, and maintenance personnel worldwide.

## Technology

Belzona products are engineered to withstand the most aggressive environments such as erosion, corrosion, abrasion, chemical attack, and mechanical damage, extending equipment life, and improving efficiency.

## Reliability

Industry can count on Belzona to provide a prompt response, whether it is an emergency repair, or simply a routine maintenance issue.

## People

From the chemists and engineers in the Belzona centers, to the network of local Technical Consultants, each person is part of the Belzona team, knowledgeable and trained in solving the problems of your specific industry.

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