

Industry Focus

Performance and Reliability in Power

Whether your plant generates power by **nuclear, fossil, hydroelectric, geothermal, or renewable** means, it is likely to experience routine, or unexpected maintenance challenges that result in increased operating costs.

Belzona provides a cost effective solution to such maintenance problems by minimizing downtime, labor, and equipment replacement costs, while at the same time increasing the efficiency of the plant and ensuring environmental compliance in:

- Flue Gas Desulfurization (FGD) systems
- Heat exchangers and cooling water systems
- Chemical containment areas, channels, and sumps
- Transformers and electrical switchgear



Additional Application Areas Include:

Fuel Handling Systems

- Damaged conveyor belts
- Eroded fans and blowers
- Worn pipe bends, chutes, and hoppers

Demineralisation Units

- Corroded tank bases
- Leaking containment areas
- Damaged ion exchange vessel liners
- Concrete repair and protection

Water and Steam Systems

- Pipe repairs and flange reforming
- Worn and leaking valves
- Insulation protection

Power Generation Units

- Erosion-corrosion in turbines
- Steam cut repairs
- Protection of wicket gates

Water Condensation Systems

- Pump repair, protection, and efficiency enhancement
- Condenser repair and protection
- Waterbox and condensate tank coating
- Heat exchanger galvanic corrosion
- Vacuum pump repairs

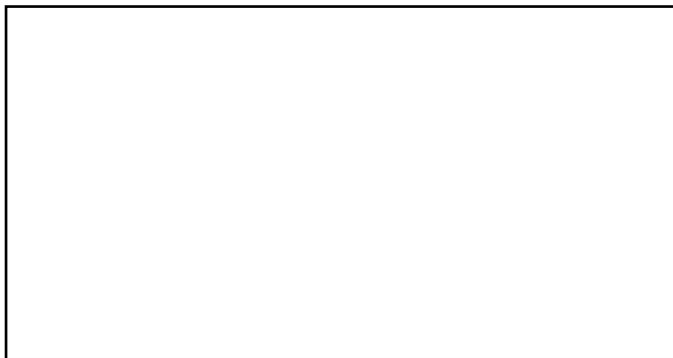
Cooling Towers

- Eroded fans
- Spalled concrete
- Damaged expansion joints

Power Distribution

- Transformer oil leak repairs
- Flange repairs
- Sulfur hexafluoride leaks

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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