

# Case Study Pipework Recoating

Gas Power Station,  
Nottinghamshire



## The Project

At a gas-fired power station in West Burton, Nottinghamshire, the client had identified signs of surface corrosion on the gas pipe infrastructure.

Adler & Allan was called in to assess the extent of the deterioration and provide an effective and durable restoration of affected surface areas.

## The Solution

Our assessment identified the best commercial solution was to re-coat as this could be co-ordinated with a planned shut down. The affected area of pipework required minor remedial works to secure lasting adhesion of the new coating. All leading edges were 'feathered back' with abrasive sanding methods, removing all sharp edges to ensure a smooth transition from the intact coating to the substrate. Intact coating around the damaged areas was abraded for a minimum 50mm to impart a surface profile, and surrounding coating was de-glossed. To ensure the surface was clean, dry and free from any contamination, the entire area was power washed and airline dried.

Adler & Allan teams then applied a specialist coat of Jotamastic 90, a two component polyamine cured epoxy mastic coating, which is surface tolerant and abrasion resistant, providing a long-lasting protection ideal for power plant environments. The new coating was finished off with two applications of acrylic polyurethane coating, giving the pipework a long lasting, resistant and durable finish.



## The Outcome

The project was delivered on time and the new coating has elongated the expected life of the treated areas by up to 10 years, exceeding the customer's expectations.

Our site contact said: "Your staff were on time every day and very professional. Work was carried out to a high standard and the area was left tidy."

