



Case Study: 007

## Polyglass VEF/VEHA Used to Protect Blast Furnace Stove Dome

### The Industry

Steel Manufacture

### The Challenge

India's biggest private sector steel company – JSW Steel Ltd., operates several manufacturing plants in India and is a world leader in the supply of steel for the automotive, construction and energy markets. A contract to clean and corrosion protect the internal steelwork of a blast furnace stove dome at the company's Dolvis steel manufacturing plant was put out to tender.

### The Solution

Kirloskar Corrocoat Private Ltd won the contract as it already had an excellent reputation with JSW Steel, having used Corrocoat products on the successful completion of a similar contract at the companies Vijayanagar Steel Plant in Bellary. The massive stove dome at Dolvis, which holds the gases used to heat blast furnaces is 10m diameter by 45m long – in all a total of 1800 m<sup>2</sup>. was airless sprayed using Polyglass VEF and for smaller areas where spraying was impractical, VEHA was used – applied by brush.

A paint system comprising Polyglass VEF/VEHA is ideal for this application as it offers superior resistance to chemical attack, corrosion and high temperatures in the aggressive atmospheric conditions encountered at the steel plant.

### Results & Benefits

“Satisfied customers placing repeat orders are testament to the quality of Corrocoat products,” says KCPL's Chief Executive - Jackie Dias. “As an existing customer, JSW Steel is well aware of the advantages of using Corrocoat coatings and our services, and has chosen KCPL as a preferred provider of anti-corrosion services.”

### Credentials

As one of the world's leading names in anti-corrosion technology, for over 40 years Corrocoat products have proved themselves throughout engineering and manufacturing markets, negating the effects of corrosion and abrasion damage on a wide range of manufacturing plant, assemblies and components.