

# CASE FILE : BUTTERFLY VALVES

## MANUFACTURE OF BETWEEN 48" AND 132" CW BUTTERFLY VALVES

### INDUSTRY

POWER GENERATION

### APPLICATION DATE

2007

### SCOPE OF WORK

Corrocoat were awarded a major contract for the supply of a large number of butterfly valves, with diameters between 48" and 132". Manufactured with cast and fabricated steel. Using Corroglass 600 series to protect against corrosion/erosion

### CORROCOAT CORROSION PROTECTION

1.5mm DFT Corroglass 600 series.

### SUBSTRATE

Cast iron & Cast Steel

### MANUFACTURING PROCEDURE

- Procure castings TO Corrocoat design specs
- Machine and pressure test
- Grit blast to SA2.5 and coat with 600 series
- Assemble valve
- Pressure test
- Function Test

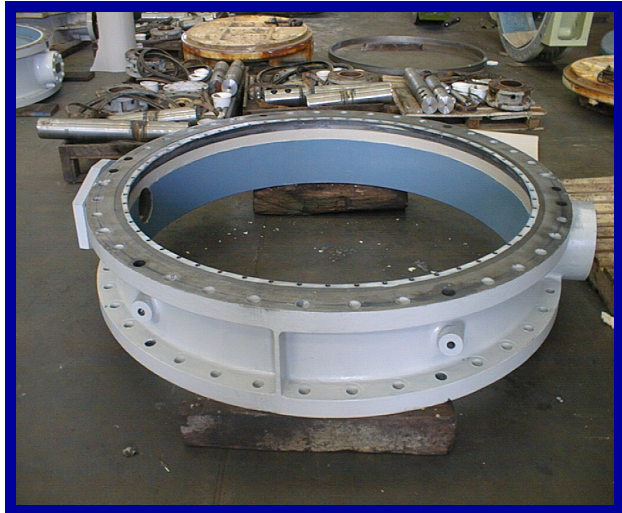
### CORROCOAT CREDENTIALS

Corrocoat can draw on many years experience of manufacture and also refurbishment of large bore butterfly valves. On this contract a short delivery time was essential, to meet the customers requirements and all 16 valves were procured and completed within 6 months. A deadline not achievable at the time using any other supplier, contacted by the company.

**Corrocoat is one of the few companies able to design, manufacture and protect-large bore CW Valves**

### PHOTOGRAPHS

- Top: 1.6M NB cast iron valve body  
Middle: Machined and coated  
Bottom: Valve assembled and fully tested



# CORROCOAT