< KOREAN CHEMICAL PLANT >

HOT PIPE COATING

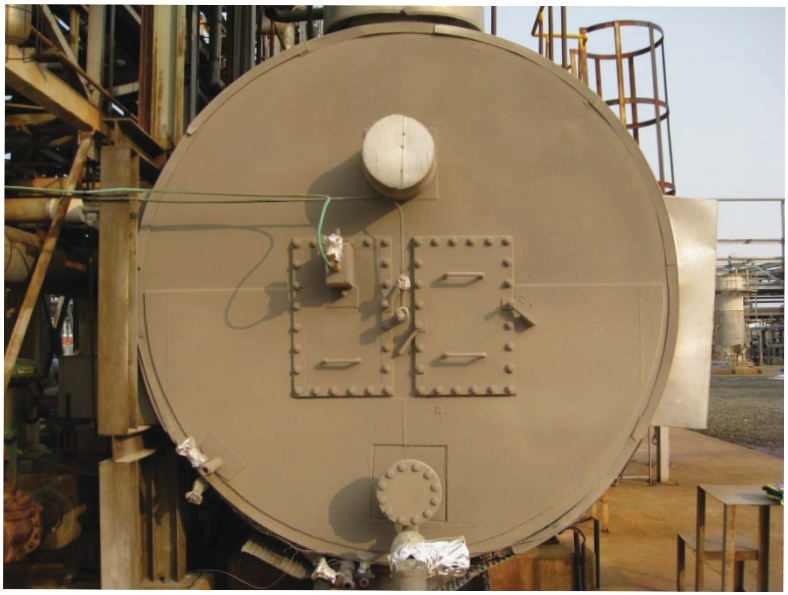
- Purpose: Insulation coating for energy efficiency

- Result: △T = 130℃

- Note: Direct coating on the surface without a pre-treatment

Incinerator Coating

Incinerator Before: 180℃



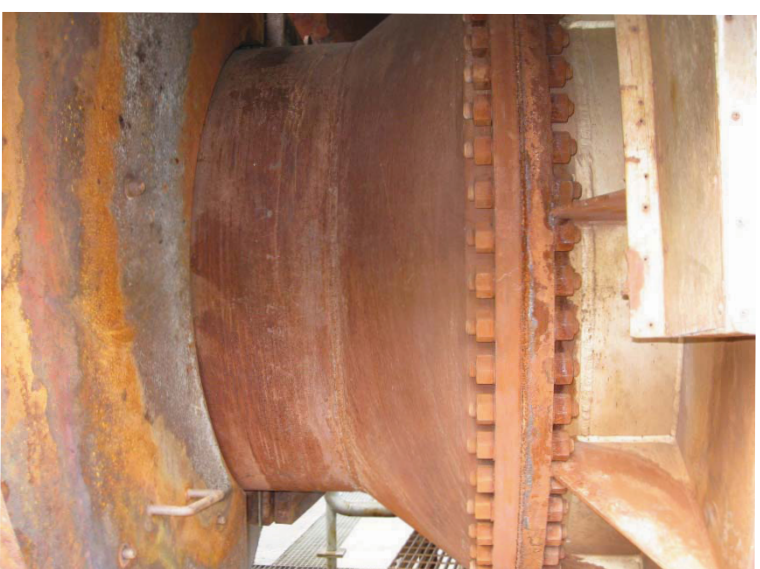
Incinerator After: 50℃

< KOREAN CHEMICAL PLANT >

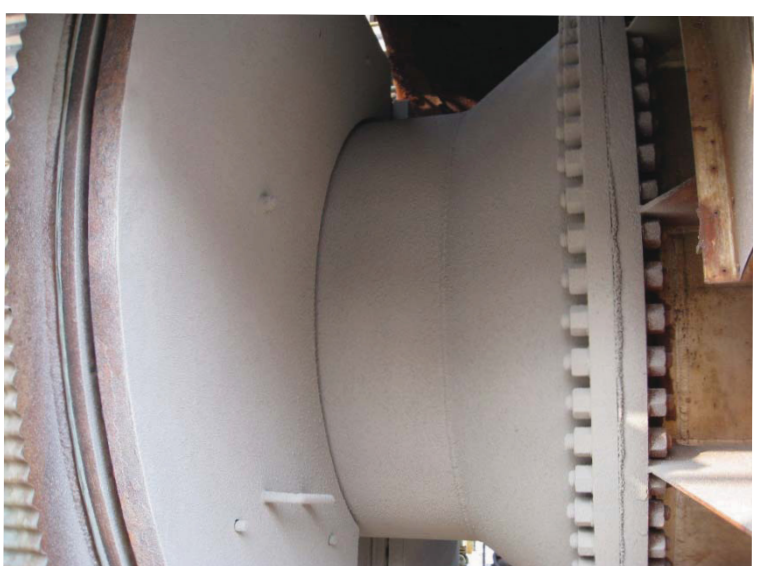
- Purpose: Insulation coating for energy efficiency

- Result: △T = 150℃

- Note: Direct coating on the surface without a pre-treatment



Incinerator Before: 260℃



Incinerator After 1-st coating: 110℃

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 125℃

- Note: Application was easy even in areas of frequent access points

Strainer Coating

Strainer Before coating: 170℃

Strainer After coating: 45℃

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 130℃

- Note: Direct coating on the surface without a pre-treatment

Trap Coating

Trap Before coating: 180℃

Trap After coating: 50℃

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 105℃

- Note: Direct coating on the surface without a pre-treatment

Valve Before coating: 160℃

Valve After coating: 55℃

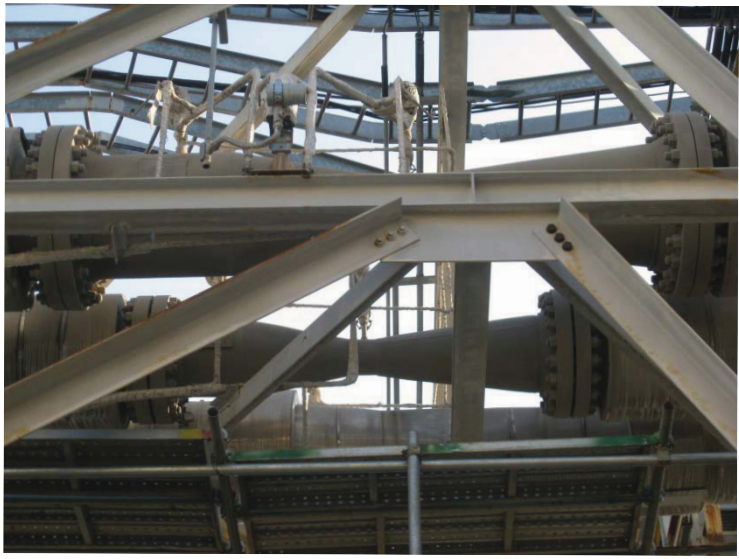
< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 105℃

- Note: Direct coating on the surface without a pre-treatment

Flange Before coating: 160℃



Flange After coating: 55℃

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 130℃

- Note: Direct coating on the surface without a pre-treatment

Strainer Coating

Strainer Before coating: 180℃

Strainer After coating: 50℃

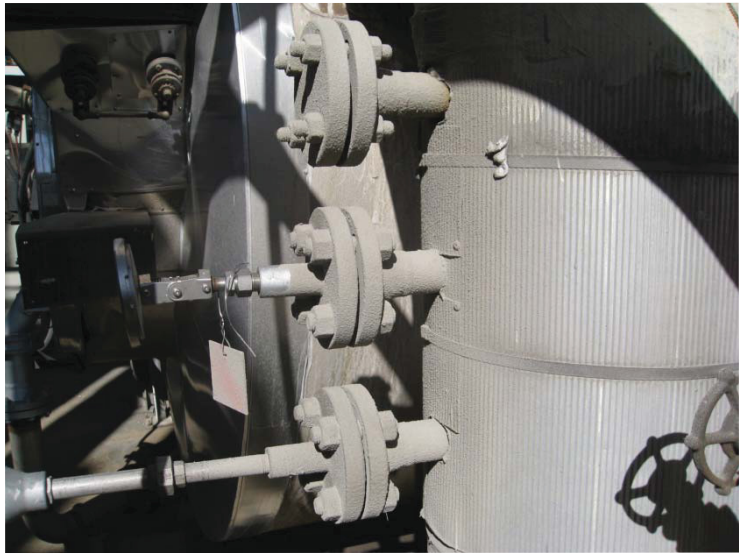
< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 85℃

- Note: Direct coating on the flange of an outdoor gauge

Flange Before coating: 130℃



Flange After coating: 45℃

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 105℃

- Note: Direct coating on channel cover

Channel Cover Before coating: 150℃

Channel Cover After coating: 45℃

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 85℃

- Note: Direct coating on the flange of a heat exchanger

Flange Before coating: 130℃

Flange After coating: 45℃

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 130℃

- Note: Coating on corroded surface of a heat exchanger flange after a simple pre-treatment

Flange Before coating: 185℃

Flange After coating: 55℃

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency

- Result: △T = 85℃

- Note: Coating on the surface of a flange

Flange Before coating: 130℃

Flange After coating: 45℃