

< KOREAN CHEMICAL PLANT >

HOT PIPE COATING

- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 130^{\circ}\text{C}$
- Note: Direct coating on the surface without a pre-treatment



Incinerator Coating



Incinerator Before: 180°C



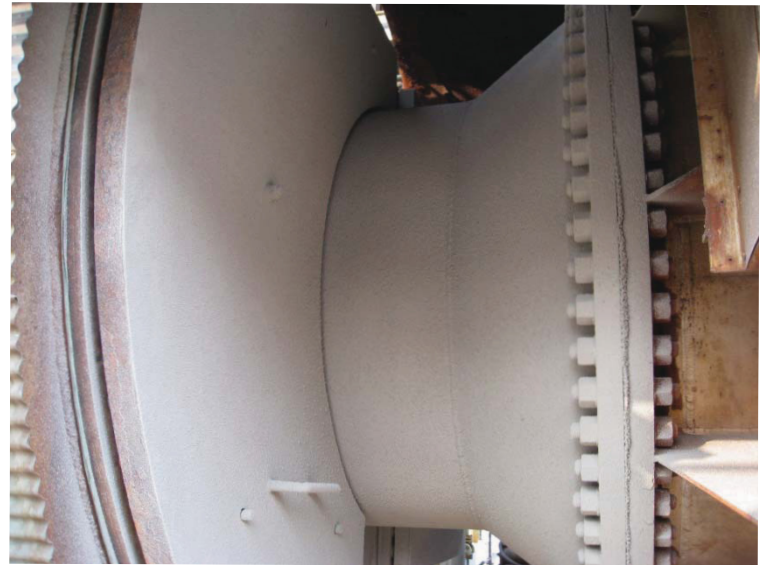
Incinerator After: 50°C

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- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 150^{\circ}\text{C}$
- Note: Direct coating on the surface without a pre-treatment



Incinerator Before: 260°C



Incinerator After 1-st coating: 110°C

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- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 125^{\circ}\text{C}$
- Note: Application was easy even in areas of frequent access points



Strainer Coating



Strainer Before coating: 170°C



Strainer After coating: 45°C

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- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 130^{\circ}\text{C}$
- Note: Direct coating on the surface without a pre-treatment



Trap Coating



Trap Before coating: 180°C



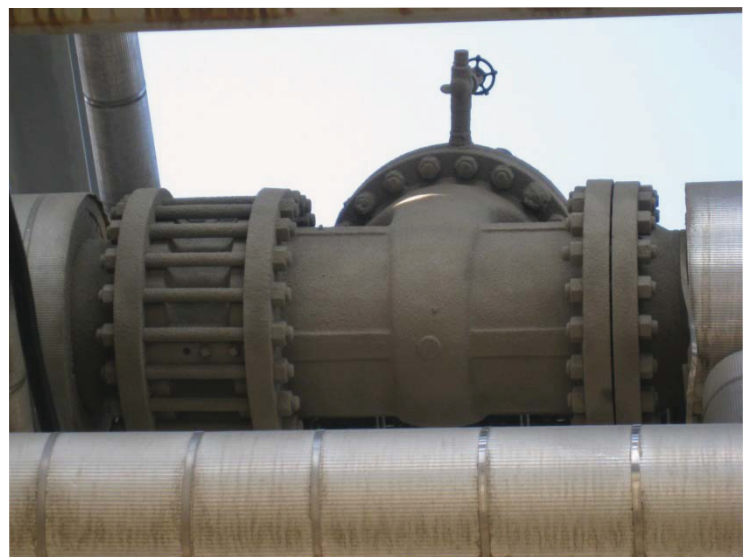
Trap After coating: 50°C

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- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 105^{\circ}\text{C}$
- Note: Direct coating on the surface without a pre-treatment



Valve Before coating: 160°C



Valve After coating: 55°C

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- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 105^{\circ}\text{C}$
- Note: Direct coating on the surface without a pre-treatment



Flange Before coating: 160°C

Flange After coating: 55°C

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- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 130^{\circ}\text{C}$
- Note: Direct coating on the surface without a pre-treatment



Strainer Coating



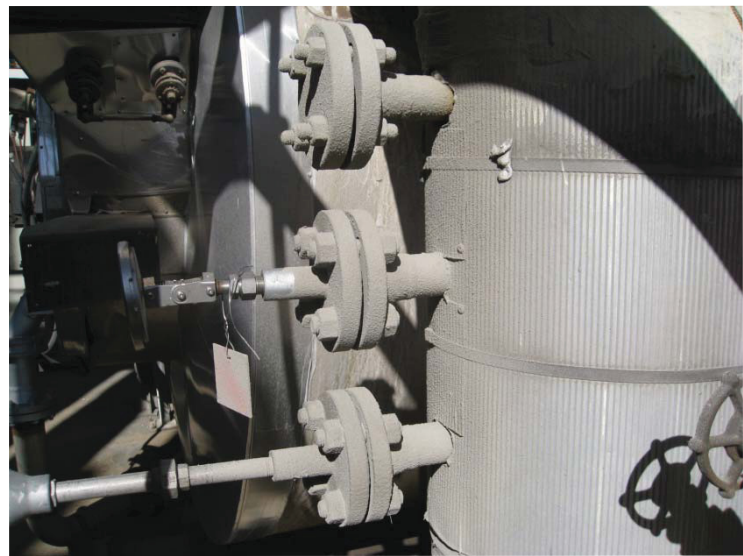
Strainer Before coating: 180°C



Strainer After coating: 50°C

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 85^{\circ}\text{C}$
- Note: Direct coating on the flange of an outdoor gauge



Flange Before coating: 130°C

Flange After coating: 45°C

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 105^{\circ}\text{C}$
- Note: Direct coating on channel cover



Channel Cover Before coating: 150°C

Channel Cover After coating: 45°C

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 85^{\circ}\text{C}$
- Note: Direct coating on the flange of a heat exchanger



Flange Before coating: 130°C

Flange After coating: 45°C

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- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 130^{\circ}\text{C}$
- Note: Coating on corroded surface of a heat exchanger flange after a simple pre-treatment



Flange Before coating: 185°C

Flange After coating: 55°C

< KOREAN CHEMICAL PLANT >

- Purpose: Insulation coating for energy efficiency
- Result: $\Delta T = 85^{\circ}\text{C}$
- Note: Coating on the surface of a flange



Flange Before coating: 130°C



Flange After coating: 45°C