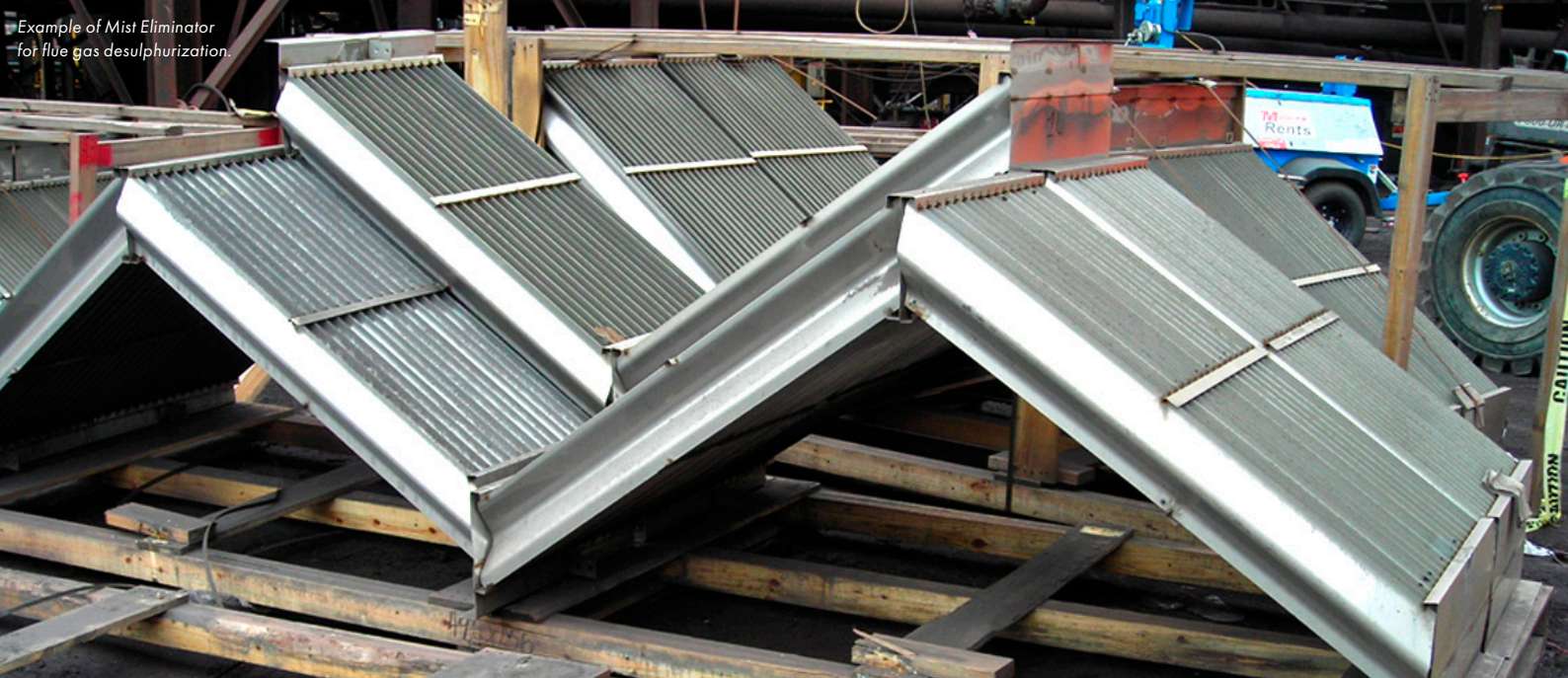


Reduce emission and chemical loss at steel mill

Steel industry mist elimination





Munters has been working closely with metal industries throughout the world for many years and developed several solutions for mist elimination in steel mills and coke oven gas plants.

The mist eliminator solutions can be applied in several parts of these processes with significant financial and environmental benefits.

Loss of chemical and gas emission cleaning

Steel mills activities generate gaseous emissions that result in chemical loss.

Installing Munters mist elimination systems

The Munters three-stage separation solution for blast furnace gas treatment is one of our core steel industry products. Gas is contaminated with naphthalene that condenses and crystallizes and this solution protects absorption material in the downstream PSA system by combining two stages of mist eliminators and a candle filter, thereby removing even the finest droplets and particles.

Munters mist eliminators for air intakes, flue gas desulphurization, wet gas scrubbers and stack rain and our structured packing are also commonly used in the steel industry. Munters can supply different customized solutions and material, including stainless steel, ensuring the product is adapted to the harsh conditions in steel mills.

Case study

- Munters ME solutions help steel industry customers reduce emission and chemical loss

Advantages:

- Reduced emissions and reduced chemical loss
- Improved pressure vessel lifetime cost
- Reduced liquid content in combustible gases
- Protects sensitive equipment from corrosion and erosion