

# Baotou Minfeng Metal Works

## Installed Vulcan models:



- 1 x Vulcan S500
- 1 x Vulcan S250
- 4 x Vulcan S25

## Installation locations:

- The main circulation water pipe for cooling water
- The circulation water pipe for heating water

## Installed by:

Jiayifang Water Technology

## About Baotou Minfeng Metal Works

Located in Inner Mongolia, the company mainly produces and sells products made of ferrochrome, ferrosilicon and ferroalloy.



## Before Vulcan treatment:

Circulating cooling water system uses groundwater, so the water quality is bad and it causes scaling problems in the pipeline. Therefore, the production efficiency is reduced, so the costs are increased. The pipeline was often blocked, so the pressure in the pipe was increased and even made the pipe explode. In the past, the company used salt-based softener to solve the scaling problems, but the result was not satisfactory.

## After Vulcan treatment:

We stopped the water softener on the day that Vulcan was installed, the effect is very good: after installing Vulcan, we no longer need to strictly control the water temperature. Less than 1 month, we found that the main pipe for cooling water started to drain out rusty water. It shows that Vulcan starts to clean up the scale and rust. After 3 months of Vulcan, our pipes and equipments are still running well without getting blocked.



2 x Vulcan S25

2 x S25 were installed to treat heat exchangers for bathing.



Vulcan S500 / S250

S500 and S250 were installed on the two main inlet pipes for cooling water.



Less than 1 month after installing Vulcan, the main pipe for cooling water started to drain out rusty water.



Vulcan S25



Vulcan S25

2 x S25 were installed on the two heating system pipelines.