




HUANENG POWER INTERNATIONAL DALIAN POWER PLANT



Installation details

Location: Huaneng Dalian power plant
Area: Inlet water main of cooling tower
Model:  S100
Installed by: Jiayifang



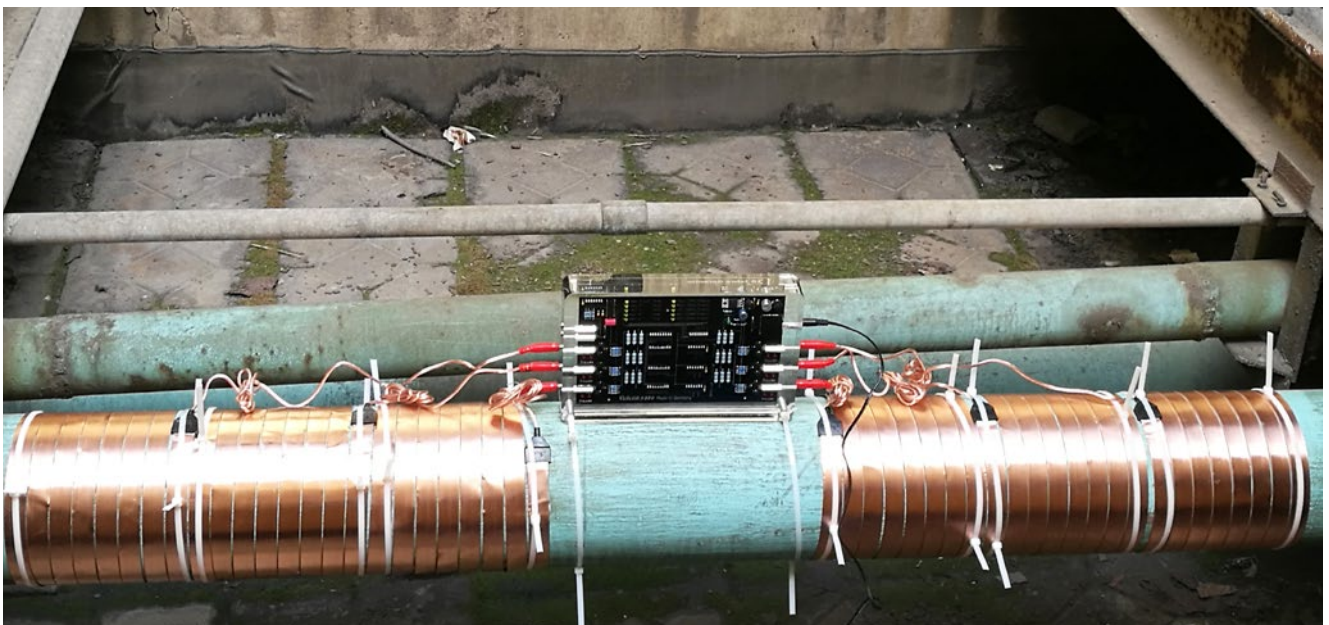
Huaneng Power International Inc. was established in 1994 administrated by the State Council of the People's Republic of China. It is one of the five largest power producers in China. It engages in the development, construction and operation of large power plants.

Before Vulcan:

The circulating cooling water used in the power plant contains lots of calcium carbonate and magnesium carbonate so that the cooling tower was very fouled and formed many hard scale deposits. Summer is the season to run the cooling system, and the warning bell would ring twice a month during the period. The workers had to shut down the machines and use chemical agents for cleaning and maintenance, which was extremely inconvenience, resulting in increased maintenance and labour costs and even a huge waste of water.

Vulcan Effect:

After installing Vulcan for 1 month, the scale in the cooling tower was dissolved, and the turbid water turned into more clear; after 2 months with Vulcan, the scale was further dissolved, and we could see the bottom of the water tray. Before Vulcan, the cooling tower should be cleaned twice a month. After installing Vulcan, the warning bell no longer rings. The cooling tower runs normally and there is no need to stop the machine to clean the scale.



Vulcan S100 was installed on the inlet water main of cooling tower in Huaneng Dalian power plant. The pipe diameter is 150 mm and the material is steel.