



Installation Details

Location: Zhaolin Plaza A and B office buildings

www.zhaolin.cn

Model/Area: One Vulcan S500 in Building A and one in Building B. Both units were installed in the central air-conditioning circulating water system.

Water quality: Water conductivity of the make-up water is 270 uS/cm

Water quality of the cooling tower at 2 months of Vulcan installation:

Conductivity 3680 uS/cm, Total hardness 672 mg/L, Total alkalinity 298 mg/L, Calcium 204 mg/L

Water quality of the cooling tower at 5 months of Vulcan installation (no water blow-down):

Conductivity 6630 uS/cm, Total hardness 2250mg/L, Total alkalinity 346 mg/L, Calcium 346 mg/L

- Result:
- 1.Vulcan completely replaces the chemical scale and corrosion inhibitor.
 - 2.Even with conductivity up to 6630 uS/cm, total hardness up to 2250 mg/L, and concentration ratio up to 20 times or more, the approaching temperature remains stable, significantly reducing wastewater discharge.
 - 3.The scale of the cooling tower packing has fallen off and no new scale has been seen.

Installed by: Beijing Vulcan Water



Zhaolin Plaza is located in the core business district of Beijing Economic-Technological Development Area, and it consists of two office buildings, with a total construction area of 138,000 square meters, 25 floors above ground and 3 floors underground, and a height of 108.6 meters.

Vulcan S500 in Building A



Vulcan S500 in Building B

