


SUPER U Mamers Supermarket

France



Installation details

- Location:** SUPER U Mamers Supermarket
Mamers, France
www.magasins-u.com
- Area:** Water main
- Pipe:** PE, 90mm
- Model:**  S25
- Purpose:**
- To solve the scale problems in in the kitchens and bathrooms
 - To prevent new scale
 - For the cooking and baking areas, it is not allowed to treat water with chemicals, Vulcan is "eco-friendly" and meets the criteria

Installed by: CWT Preval France



Vulcan S25 was installed in the water main to treat the whole building.



CWT Preval France, 2 Rue de la Gare, 72170, Beaumont Sur Sarthe, France, www.vulcan-france.fr

Clerfond Automobiles — Car Wash

France



Installation details

Model: Vulcan S25

Location: Clerfond Automobiles
Car Wash
Av. Rhin et Danube
72200 La Flèche
France

Installed by: CWT Preval France



Car wash located at Clerfond Automobiles

Clerfond Automobiles - Car Wash

The car wash located at Clerfond Automobiles suffered immensely from lime scale encrustations. After the Vulcan installation, scale deposits were no longer found on the pumps, filters, nozzles and brushes. Detergent use was reduced dramatically, and now the recently washed automobiles show no signs of scale spotting.



Vulcan S25

Paris Country Club — Golf Course

France



PARIS COUNTRY CLUB

Vulcan installed at:

Paris Country Club
59 Rue Jean-Baptiste Pigalle
75009 Paris
France

Installed by:

CWT Preval France
www.cwt-international.com

Model:

Vulcan S100

The Paris Country Club

The course is located just 10 minutes from Paris in the heart of the Saint-Cloud race course.

The Paris Country Club has a 9 hole golf course, driving range, 3 separate swimming pools, tennis courts, full gym, cinema, spa and massage area as well as a full restaurant.

Application:

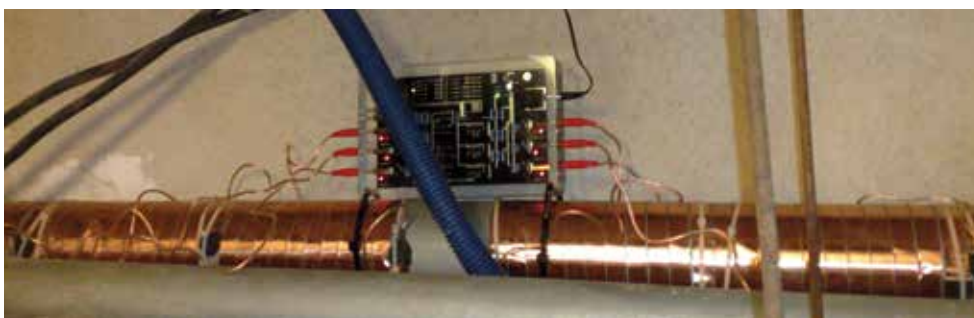
The Vulcan S100 unit was installed on the water main for the Clubhouse, to protect the bathrooms and kitchen areas from limescale deposits.



Vulcan S100 Anti-Scale System



Aerial view of the Paris Country Club



Installation of the Vulcan S100 unit in the Paris Country Club

Średzki Water Park

Poland



Średzki Water Park in Środa Śląska, Poland

The water treatment system Vulcan S25 protects the entire water supply network and all the heating devices of the pools of the Średzki Water Park.

The costs of normal treatment products with such a water flow of 25 m³/h would mean operating costs at 3.900 € per month (assuming 24 working per hour)! The cost of running the Vulcan S25 device is approx. 1,50 € per month.



Recreational Swimming Centre

France



Installation details

Model: Vulcan S25

Location: Centre Nautique du Val de Morteau
Le Clair
25500 Les Fins
France

Installed by: CWT Preval France



Swimming pool and water slide inside the Centre Nautique

Centre Nautique du Val de Morteau

Is a sports and recreational facility for the whole family. Their facilities include a 5 lane 25m swimming pool, a 200 m² spa pool with a bubble bench, solarium, indoor water slide and a mushroom waterfall.



Vulcan S25 installed on the main water line



Vulcan S25 impulse cables



Vulcan S25 impulse cables

Ralons Lavandería Laundry Services

Spain



Dear Sirs,

After multiple problems with scale build-up in our irons and laundry equipment we decided to try and solve this situation. After much research, we finally found the solution we were looking for. We chose the innovative line of water treatment, Vulcan. The Vulcan S25 unit was installed.

Up until now, the results obtained have been entirely satisfactory; not only because the scale does not stick to surfaces anymore, but also because of the raised quality of the laundry which has a less-abrasive effect on the clothes. This has helped increase our service quality and customer satisfaction.

For the above reasons, we certify the complete effectiveness of the Vulcan S25 device installed in our company.

Sincerely,

LAS PAMAS
C/ Puerto Rico, 2 Pta. 3 - 2º Ofic. 3
35010 - Las Palmas de Gran Canaria
Telf.: 902 226 047 • Fax: 926 226 008

TENERIFE
Subida a El Mayorazgo, 16
38009 - Santa Cruz de Tenerife
Telf.: 922 236 030 • Fax: 922 211 048




Esther Meca Cervera
Jefa Dpto. Sistema Integrado de Gestión
Calidad, Medio Ambiente, PRL y Organización
RALONS LAVANDERÍA, S.L.
GRUPO RALONS

Reg. Merc. de Las Palmas de G.C.
Folio 169 Tomo 1915
Hoja GC-41466 Inscripción 1ª
CIF: B-76014554

1 de 1
www.gruporalons.com



Pilbara Commercial Laundry Services

Australia

Pilbara Commercial Laundry Services

Unit 5 9 Byass St,
South Hedland,
WA 6722
Australia



Testimonial with Jamie Cavey

Hi, my name is Jamie Cavey and I operate the only commercial laundry in Pilbara - The Pilbara Commercial Laundry Services. We are a mid-size operation that specializes in the laundering of hotel linen, mine site linen and work clothes.

Living in a hard water area like Pilbara means we have ongoing problems with calcium build up in our piping and air-conditioning systems. The calcium sticks to the heating elements and the whole internal section of the hot water system becomes completely clogged with calcium.

Twelve months ago we installed a German made CWT Water Treatment System from the team at Southern's Water Technology in Bunbury and immediately we noticed a significant reduction in the build up of calcium.

I believe we have quadrupled the life span of our evaporated air conditioner and we haven't had to replace our hot water system for more three years.

Without the CWT Water Treatment System we would be replacing our hot water system every two years at a cost of more than \$10,000.

There is no doubt the CWT Water Treatment System will prolong the life span of your piping and hot water systems and evaporative air-conditioning units.

After the treatment, the adhesiveness of the crystals is reduced so that scale is unable to form in the pipes.

You can actually see the calcium slowly breaking down through the drainage system.

Sincerely,

Jamie Cavey

Cattle Farm

Germany

Christiani Wassertechnik GmbH (CWT)
Köpenicker Str. 154
10997 Berlin
Germany

Dear Mr. Christiani,

Thank you a lot for sending me the stronger electronic system, which I installed immediately. I noticed that the drinking behavior of the animals improved promptly. I can give you more details after a longer observation period. Now about the promised observation of the CWT water treatment device:

After 2-3 days of the installation, it was remarkable that the lactating sows were permanently drinking from the drinking trough and that therefore the milk production also improved after 14 days, which again led to higher weights of the piglets (before: ca. 7 kg, now: 8 kg). This continued for several months.

Furthermore, we observed that scale and biofilms in old pipes for liquid feeding dissolved, leading to an improved feeding behavior of the fattened pigs. Moreover, we used to have trouble with flank abscesses due to biofilms that were probably caused by bacteria discarding endotoxin. This progressively improved with the use of CWT water treatment.

I can also tell you about a cow farmer whose pipes were not clogged anymore after the installation of CWT products. Before, he had to flush the pipes every 4 weeks with air and water to make sure the cows could get enough water through the pipes. He could furthermore observe that the biofilm on the high-alloyed steel drinking trough dissolved after 14 days. After about 4 weeks, the farmer also reported that the cows produced about 0.5 L more milk per day.

Negative observations:

The next year in February, I started to occasionally add acids in the tubes with the consequence that the positive effect of the CWT water treatment mostly vanished. Furthermore, new biofilms built up in the pipes, which I could make visible by flushing the pipes. The animals began to show more flank abscesses and ear necrosis again. This improved again after the flushing in the beginning of June. Then, on 19 July, I installed the stronger electronic system. Since then, I have the feeling that the livestock has stabilized and has become more vital.

I hope I can give you more positive news soon and that I can tell you, whether an occasional addition of acid to the water system is possible without damages, since it is common practice to use acidity products in farms holding pigs and turkeys.

Please don't hesitate to contact me for further questions.

Best regards,

Hubertus Fasselt



Mc Clean Public Restrooms

Switzerland



[McClean AG | Spitalstr. 18 | 4056 Basel](#)

Vulcan-System
Mr. W.Kurt
Probsteiholzweg 11
4103 Bottmingen

Dear Mr. Kurt,

after a few months testing the Vulcan anti-scale system in our hygiene center in the station SBB of Basel, we are very happy with the results. The visible scale deposits are less and the cleaning is much easier than without Vulcan – with less need of chemicals. Also the scale deposits of the cisterns and shower heads are much less, so we have less maintenance costs. We recommend your Vulcan system and we will install more Vulcan systems in further of our sanitary stations in Switzerland.

With best regards

McClean AG


Raphael Zimmermann
Managing director

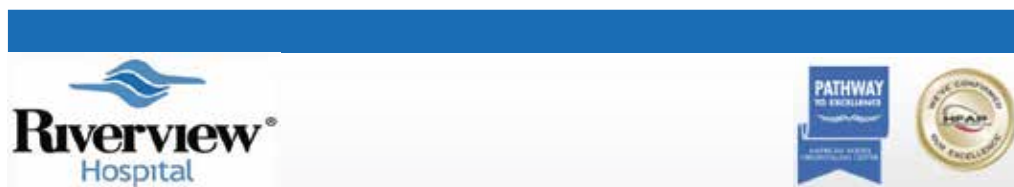


Vulcan anti-scale system in the hygiene center of the station in Basel.



Riverview Hospital

USA



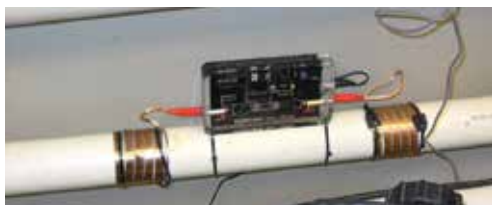
Installation details

Model: Vulcan 5000
Vulcan S10

Location: Riverview Hospital
Noblesville, Indiana

Installation area: Swimming Pool

Installed by: Salt-Free Water Systems



Vulcan 5000 on main pool skimmer line



Vulcan S10 on main pool line



Swimming pool chlorinator in service 30 days before installing Vulcan units



Swimming pool chlorinator in service 30 days after installing Vulcan units

Gegenbauer Health Care Services

Germany



Gegenbauer Health Care Services GmbH . c/o St. Joseph Krankenhaus.
Bäumlerplan 24, 12101 Berlin

Firma
Christiani Wassertechnik GmbH
Charlottenstraße 18

10117 Berlin

Gegenbauer Health Care Services GmbH

c/o St. Joseph Krankenhaus
Bäumlerplan 24
12101 Berlin

Ihr Ansprechpartner
John Behrens
Gegenbauer Health Care Services GmbH
im St. Joseph Krankenhaus
Bäumlerplan 24
12101 Berlin

Vulcan S 250

Dear Mr. Christiani

we are a facility management company responsible for the maintenance and repairs inside the St Joseph Hospital in Berlin. Due to the hard water in Berlin, we used to have very bad problems with scale incrustations on the sanitary equipment. The maintenance and cleaning of the 2,500 showers and bathrooms alone was at a very high cost.

We have had the Vulcan S 250 installed inside the hospital now for a couple of months. We can identify a considerable benefit of the unit installed. We can barely see any scale deposits on the shower heads any more. This saves manpower and costs associated with exchanging sanitary equipment.

We can honestly recommend the unit installed by CWT GmbH.

Regards,

John Behrens
Service Manager

Geschäftsführer:
Hans-Joachim
Hans-Joachim
Hans-Joachim
Hans-Joachim

HANS KREMPL Residential Technologies

Germany



HANS KREMPL . HAUSTECHNIK GMBH

Christiani Wasser Technik GmbH
Herr Christiani
Berlin, Germany

Koblenz, Germany

Dear Sir,

We have been selling your Vulcan 5000 water treatment system for over 10 years. In this time we have successfully sold more than 1000 sets of equipment. We have consistently received positive feedback from our customers in view of the effectiveness of the system - patches of limescale which could previously only be removed by chemical detergents can now simply be wiped away with a cloth. What is more, the use of the system has notably reduced the calcification in the heating of electrical equipment (e.g. washing machines, dishwashers, kettles etc).

We wish you and your company further success and in the above mentioned matter would like to thank you for a successful collaboration.

Yours Sincerely,



- Hans Krempel jun. -

Philipp Best Plumbing

Australia

Phillip Best Plumbing

All Your Commercial & Industrial Plumbing Needs

Plumbers & Gasfitters - Bunbury, WA

PO Box 1733, Bunbury WA 6231

Southern Water Technology
6 Teede St
PO Box 553
Bunbury WA 6231
Australia

CWT - Physical water treatment system

I've been in the plumbing industry for 32 years and currently have five staff working for me at Phillip Best Plumbing in Western Australia. Since becoming available in Australia, we've purchased a number of CWT water systems to stop calcium deposits building up in a range of different piping systems. These deposits create many unwanted effects such as clogged pipes and irreversible damage to pipes and other plumbing parts.

I found the CWT water treatments to be very effective in high temperature heating systems such as commercial combustion ovens in restaurants and even in a very high temperature heating system at a local abattoir. There are also huge time savings associated with CWT water systems. Installation time is cut by at least 90% when compared to similar units. The units, which are made in Germany, are also at least 50% cheaper than other units currently on the market.

The units, which allow scale particles to be washed away, are not only proving to be successful in commercial and industrial applications, but in private homes with scale and rust problems. I installed a CWT system to protect the hydraulic heating system, which lies under the cement slab of our home.

CWT has been a great cost saving unit initiative that will protect your piping system from ongoing scale and rust problems.

Your Phillip Best Plumbing Team



Water Supply for the Area of Anoia

Spain



AIGVA·DE·RIGAT·S·A

AIGVA DE RIGAT S.A
C/ Comarca, 47
08700 Igualada

www.aiguaderigat.cat

To the Vulcan Spain Team,

Rigat is a company related to the operation of the water cycle in the region of Anoia since 1921. For more than 80 years, we have shared the same commitment and responsibility to ensure at all times the water supply is of the highest quality with minimal environmental impact.

We installed several Vulcan units just before the water meters, which were always filled with calcium and often become clogged. Because of these problems, we would have to change them frequently.

In the batteries where we installed the Vulcan S100 and S500, we always experienced the same results - there wasn't any more limescale and calcium deposits.

We take this opportunity to thank you for the great service.

Mr. Caltron Aqua

AIGVA·DE·RIGAT·S·A

Garden Shop — Agriculture

Greece

Dimitrios Vasileiadis
Garden shop
Papad-Vasileiadis-Loizidou OE.
Aerodromiou Sedes str & Aerodromiou Makedonia str.
570 01Thermi-Thessaloniki
Greece



Christiani Wassertechnik GmbH
Köpenicker Str. 154
10997 Berlin
Germany

Dear CWT,

I am a professional cultivator of decorative plants and trees for more than 30 years. I have always had hard water quality problems. This water, I irrigate with it, comes from a bore. This water is brackish, which means of course, it is very bad for the plants. Actually, I have been burning my plants all these years because of large amounts of calcium and magnesium.

I also have to emphasize on the fact that all these years the leaves of the plants had a white colour and not the well known green colour. That is of course because of too much salt of the water.

Installing the Vulcan S 25 device, I found out that there are not any more white sedimentation on the leaves and soil. Most of all I realize that there is a big improvement in the growth of my plants. I also found out that there is a better and quicker foam creation. Wherever we want to wash our hands or even clothes etc.

Finally, I must say that I really found the solution to my problem, which has been bothering me for all these years, using the Vulcan device.

I really have to thank you from the bottom of my heart.


Δημήτριος Βασιλιάδης



Without treatment



With Vulcan treatment

IFCO Reusable Plastic Containers

USA



Reusable plastic containers
for transporting fresh produce



Vulcan installed at:

IFCO - Chicago
Pallet Recycling
60608 Chicago
Illinois, USA

Dick Van Voorhis - Salt-Free Water Systems

5 x Vulcan S100 units are installed on a large produce cleaning system at IFCO in Chicago. IFCO is an international pallet recycling company with plants in 26 countries. The washer is manufactured in Italy by Colussi Ermes s.r.l. The entire washer, including the pipe is stainless steel.

As discussed earlier, the produce cleaning system in factory had very short pipe lengths. Therefore, we had to wrap each impulse cable wire around the pipe 2 times. After 2 weeks we have had confirmation from the engineer confirming the Vulcan was doing everything you said it would do!

After confirming the effectiveness of the Vulcan, we have installed S100 units on all 5 washing stations within the Chicago IFCO plant.



Vulcan S100 units installed on the produce cleaning system



Vulcan Impulse Cables double wrapped on water pipe



Vulcan S100 unit installed on the produce cleaning system



Containers coming out of the produce cleaning system

Reducing RO Membrane Replacement Frequency with Vulcan

China



the Improvement Project for Reducing RO Membrane Replacement Frequency

Installation details

Installation location:

A factory in Inner Mongolia Huomei Wheel Manufacture Co. Ltd., which produces aluminium alloy wheel. Vulcan was installed in the painting workshop, for the pure water section. Pure water is produced by RO membrane (reverse osmosis membrane).

Installed by: Suzhou KaiEnSheng

Installation model:  Vulcan S10

Pipe size , capacity: 65 mm, 15 m³/h

Scaling problems

Before installing Vulcan, adding scale inhibitor was the only descaling method, and the RO membrane would be replaced every 2-3 months, sometimes even more often: every 1-2 months! Each replacement costs about 9,000 USD.

Results

Since the Vulcan was installed in April 2017, the RO membrane has not been replaced until now (October 2017), and the use of scale inhibitors has also been reduced by 50%. So far, the estimated cost savings are around 25,000 USD.

About Huomei Wheel Manufacture Company

Located in Huolinguole Industrial Park, Inner Mongolia. It is one of the largest aluminum wheels manufacturer in northern China.



Pure water process equipment.

A letter from production department of Huomei Wheel Manufacture Company

From May 2016 to January 2017, 5 sets of RO membrane were replaced, they cost 50,000 USD.

The issue is urgent.

We found that the problem comes from the water quality. Suzhou KaiEnSheng recommends Vulcan for us to try. Surprisingly, the effect is very good.

Vulcan was installed on April 6, the conductivity after the three-stage RO membranes were: 17.1, 22.7, 21.5 (μ-Siemens/cm) on the day. Over 4 days, we already saw noticeable effect. We measured the conductivity again on May 4 after the three-stage RO membranes were down to 11.5, 11.5, and 11.6 (μ-Siemens/cm). We will keep tracking the effectiveness.



S10 was installed before the reverse osmosis membrane.

Suining New Oasis Printing & Dyeing Factory

China



Guangzhou A Fei Te Energy Technology

Model:

2 X Vulcan S10, 1 x Vulcan S25, 1 x Vulcan S100

Installation location:

Sichuan Province, Suining New Oasis Printing & Dyeing factory

Vulcan Effect:

In the beginning, there were 3 Vulcans installed. One Vulcan S25 for water filtration of alkali recovery system, one Vulcan S10 for pre-dyeing system and another S10 for post-dyeing system. We particularly installed a short tube for monitoring result, and saw excellent performance after 3 months, so that additional S100 for the sludge dewatering system was installed.

The Vulcans not only save a lot of water treatment costs, bring a significant reduction of filter cloth (cost), but also reduce the workload for workers to fight against scale.



Vulcan S25 outdoor installation



Vulcan S100 in the sewage room for the sludge dewatering machine.



Before Vulcan was installed, the pipe was scaled and rusty.



After Vulcan was installed for 3 months, the outer rust had been fallen off completely.



After Vulcan was installed only for 1 month, the scale is softened and falling off.



Mondi Packaging Factory

Czech Republic



Mondi Štětí a.s.
Litoměřická 272
CZ - 411 08, Štětí
www.mondigroup.com

Vulcan S100 Installation

To the Kostečka Team,

The Vulcan device is installed on lime oven, which usually required extensive scale cleaning every 3 months. It has now been 4 months since installation of the Vulcan S100, and the scale problem have reduced significantly.

Now the pipes and production equipment require much less cleaning. We are very satisfied with the performance of the Vulcan S100 Unit.

Best Regards,
The Mondi Group



Mondi Štětí a.s manufacturing plant in the Czech Republic



Deposit removed from pipe after Vulcan installation



Vulcan S100



Installation of Vulcan S100 on lime kiln



Alcoa Aluminium Factory

France



Advancing each generation.

Vulcan installed at:

ALCOA Aliminum Factory
in France

Installed by:

CWT Preval France

Models Installed:

- 1 x Vulcan S10
- 2 x Vulcan S25
- 1 x Vulcan S100

ALCOA Aluminum Factory

Alcoa is the world's leading producer of primary and fabricated aluminum, as well as the world's largest miner of bauxite and refiner of alumina.

Their facilities in France produce technologically advanced products that include aluminum sheets and plates, aluminum architectural products and systems, fasteners and fastener installation systems, structural castings, turbine engine components and aircraft frame components. Alcoa employs approximately 61.000 people in 30 countries worldwide.



Vulcan S25 installed in the Alcoa Aliminum factory in France



Vulcan S10 installed in the Alcoa Aliminum factory in France



Vulcan S25 installed in the Alcoa Aliminum factory in France



Vulcan S100 installed in the Alcoa Aliminum factory in France

Avignon Ceramic Core Production

France



Installation details

Model: Vulcan S25
Vulcan S100

Location: Route de Noirlac
18200 Bruère-Allichamps
France

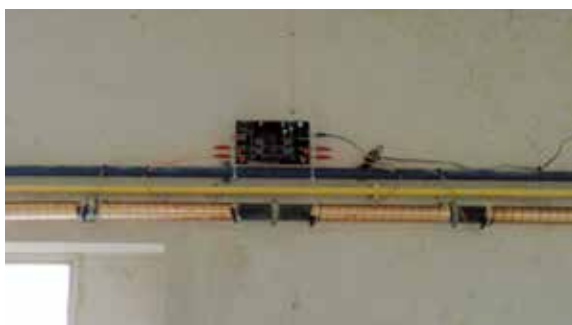
Installed by: CWT Preval France

Avignon Ceramic Factory

Avignon Ceramic is an independent ceramic cores manufacturer for investment casting. With nearly 20 years of experience in design and production of ceramic cores, Avignon Ceramic offers a wide range of products, of various sizes and complexity levels from millimetres to nearly 1 meter, and from very simple to the most complex shapes.



Vulcan S100 installed in Avignon Ceramic



Vulcan S25 installed in Avignon Ceramic



Avignon Ceramic production line

AMC Measuring and Control Devices

Algeria



المؤسسة الوطنية لأجهزة القياس و المراقبة
ENTREPRISE NATIONALE DES APPAREILS DE MESURE ET DE CONTROLE
(S.P.A. AU CAPITAL SOCIAL DE 1.462.825.000 DA)
SOCIÉTÉ DU GROUPE SONELGAZ



B.P. 02 - Route de Batna - EL-EULMA - Wilaya de Sétif

Location : Algeria
Application: Production of water meters and electricity meters
Department : Infrastructure



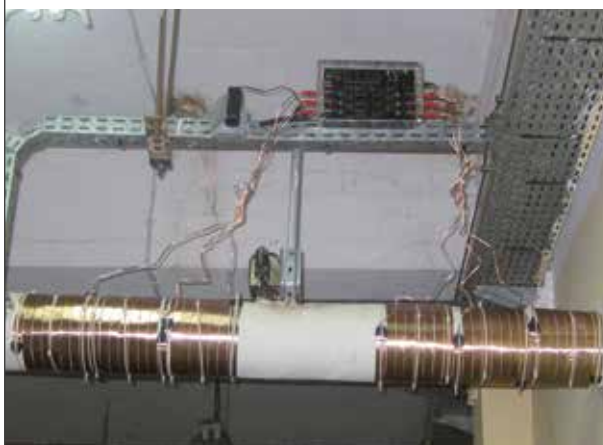
Vulcan was installed by:
Eurl FCGBI (ISSIAKHEM)

CERTIFICATE OF GOOD PERFORMANCE

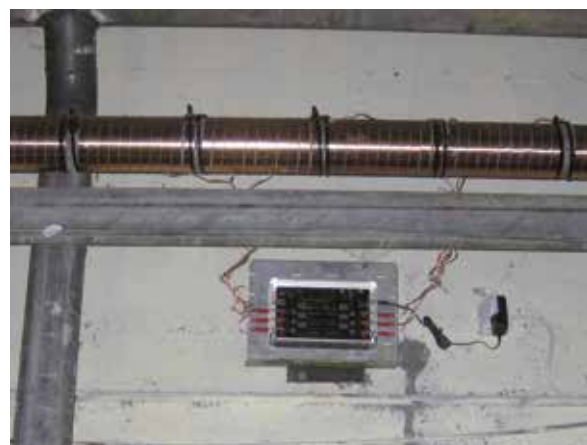
We hereby ensure great satisfaction after installing the
physical water treatment system Vulcan S100 and Vulcan S250 with its Impulse-Technology.

The factory where Vulcan is installed produces electricity meters and water meters.

EURL FCGBI
The Head of Department
Infrastructure



Physical water treatment with Vulcan S100 and Vulcan S250.



The installation of Vulcan S100 in a water meter and electricity meter production.

Dalian Power Plant

China



HUANENG POWER INTERNATIONAL
DALIAN POWER PLANT



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.

Model: Vulcan S100

Installation Location:

Huaneng Dalian power plant

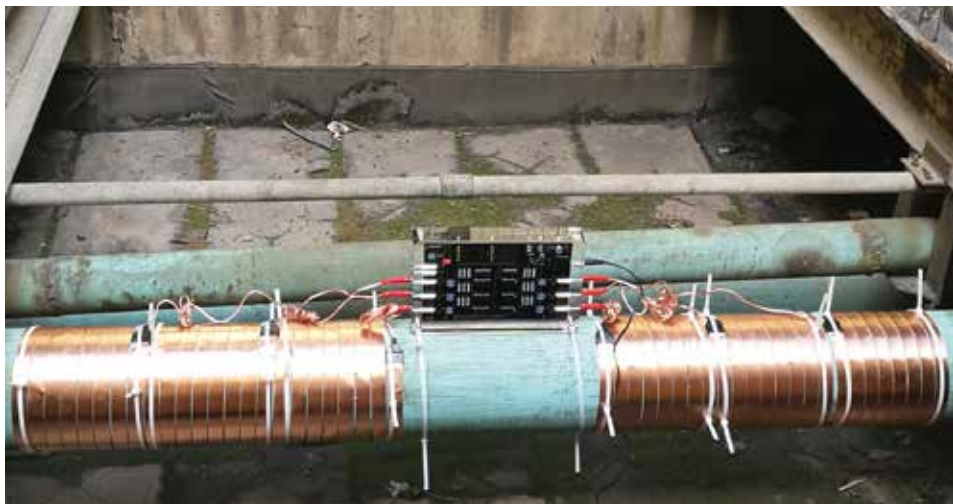
Installation Area:

Inlet water main of cooling tower

Installed by CWT distributor:

Dalian Jiayifang Water Technology Co., Ltd.

Installation Reason: to solve the serious scaling problems in cooling tower



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.