



ASAChem Co.

Manufacturer of Water Treatment Chemicals

www.ASAChem.ir

Product Catalog





INTRODUCTION



Asa Chemical Pinar (ASAChem) Co., a subsidiary of the ASA Energy Industrial Group, was established in 2020 in response to the high demand from Iranian industries for water treatment chemicals, including corrosion inhibitors, scale inhibitors, biocides, coagulants, and flocculants. We also provide corrosion monitoring instruments, probes, weight loss and scale coupons, as well as related engineering, procurement, sales, and after-sales services.

Now, several years after establishing ASAChem, we are proud to control corrosion in industrial waters and reduce the country's reliance on imports. We have successfully localized the production of green (environmentally friendly) corrosion inhibitors and achieved our goal of conserving water, especially during a period of drought and water resource shortages. Our primary customers include industries such as steel, petrochemicals, oil and gas refineries, copper, power plants, and plastics.

KEY ACHIEVEMENTS

Technology Transfer & Manufacturing

We operate a Water Treatment Chemical Production Complex located in the Industrial City of Saveh, (Ahmad Abad Zone) of Markazi Province, Iran. Phase I of the project has been completed, enabling us to produce a variety of water treatment chemicals.

Research & Development

We have conducted several studies and research projects focused on the development and replacement of new water treatment chemicals designed for severe process conditions. Additionally, we have developed and supplied new high-technology materials to various industries, achieving successful operational results and meeting required process guarantees.

Material Supply

We offer a professional supply of high-quality chemicals at competitive prices.

Sales & After-Sales Services

Our sales and after-sales services are mechanized and integrated to effectively meet and exceed our clients' requirements.

CONTACT INFORMATION



ADDRESS: UNIT 1 SOUTH, 1ST FLOOR, No.358, NORTH MOFATTEH AVENUE, ABOVE MOFATTEH-MOTAHARI INTERSECTION, TEHRAN, IRAN
POSTAL CODE: 1587996914



ADDRESS: No. 30H-114, 10TH TOSEH STREET, TOSEH AVENUE, INDUSTRIAL CITY OF SAVEH (AHMAD ABAD ZONE), SAVEH, IRAN
POSTAL CODE: 3914171222



LINE 1: +98 21 88 75 08 68
LINE 2 : +98 21 88 17 51 56



www.ASAChem.ir
info@ASAChem.ir



ASAChem Water & Wastewater Treatment Chemicals

What do we do?

We manufacture effective inhibitors for use in industrial water. Our goal is to promote the development and increase the use of domestically produced solutions while considering a wide range of research. Additionally, we facilitate compliance with international standards by carefully controlling and monitoring industrial water.

What do you do?

You, as our valued customers, support domestic companies in our challenging journey. We are committed to bringing honors and advantages to Iran through our cooperation in all industrial activities.

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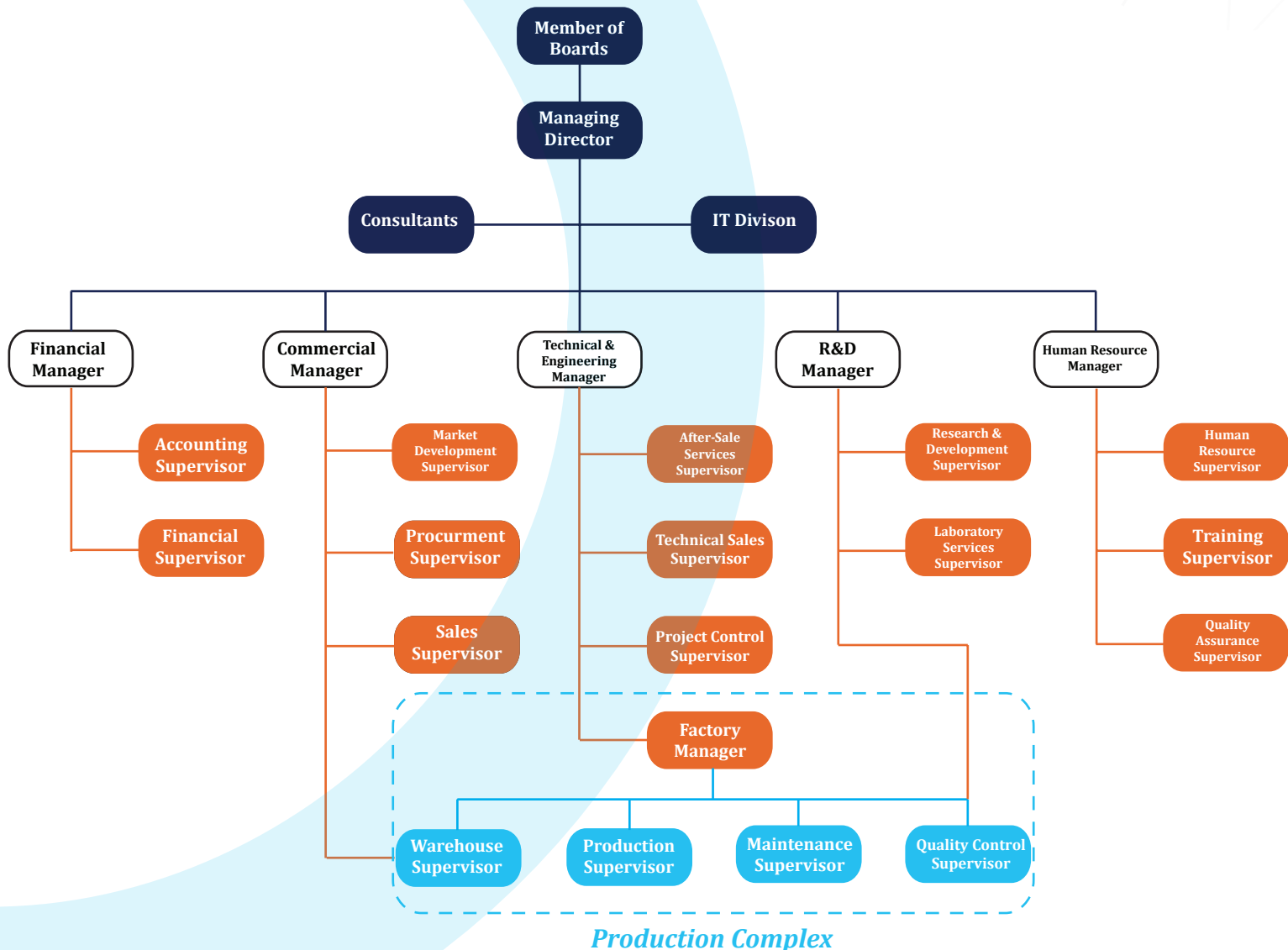


Global shortages of water and energy resources have become alarmingly critical, as industries continue to consume them at shocking rates.

In the creation of all our products, we give careful consideration to their overall impact on both human health and the environment. Our “Impacts That Matter” criteria and packaging principles ensure that Ecolab products are sustainable without compromising safety and performance. We also keep our team informed about product information, enabling customers to make the right choices for themselves and the planet.

We provide industry-leading water technology and process expertise to tackle your toughest water, wastewater, and process challenges by delivering innovative products, processes, and solutions across the globe. We aim to meet the needs of your industry, region, and business while helping you achieve your performance and compliance goals with sustainable solutions.

We engage with stakeholder groups regularly in various ways. Our strategic framework guides us in maintaining sustainable operations over the long term, assisting customers in achieving sustainability in their businesses, promoting global best practices within our supply chain, attracting, developing, and retaining top talent, and adhering to governance best practices.





PRODUCTIONS & TECHNICAL SERVICES

ASACHem is one of a producer of ECO corrosion and scale inhibitors for industrial water such as cooling tower systems, boilers, reverse osmosis (RO) and closed circuits. ASACHem products for mentioned systems are phosphate based corrosion inhibitor (boiler, cooling tower), nitrate and molybdate based (closed circuit), dispersant, biocide, algacide and bactericide, deaerator and amine (boiler) and antiscalant (RO). ASACHem Company has been able to save water while minimizing scales in critical parts of systems such as exchangers, condensers and jacket reactors.

Wastewater Treatment Chemicals



Boiler System Chemicals



Cooling System Chemicals



Other Chemicals



RO Treatment Chemicals



MICROBIAL TEST KITS

The total bacterial count (TBC) test kits are dedicated to aerobic bacteria. This kit is composed of a hygienic layer of specific culture medium for growing variety of bacteria inside a hygienic glass container. TBC kit has been produced based on API standards and it is being used in several industries.

SRB test kits can detect sulphate reducing bacteria, which are the most harmful bacteria in industry and causing microbial corrosion. These bacteria reduce the environmental sulfate biologically. SRB test kit has been produced based on API standards and it is being used in several industries.

Legionella test kit can diagnose legionella bacteria. These bacteria are widely distributed in nature and in cooling towers. These kits are composed of a hygienic layer of specific culture medium for growing Legionella bacteria inside a hygienic glass container.

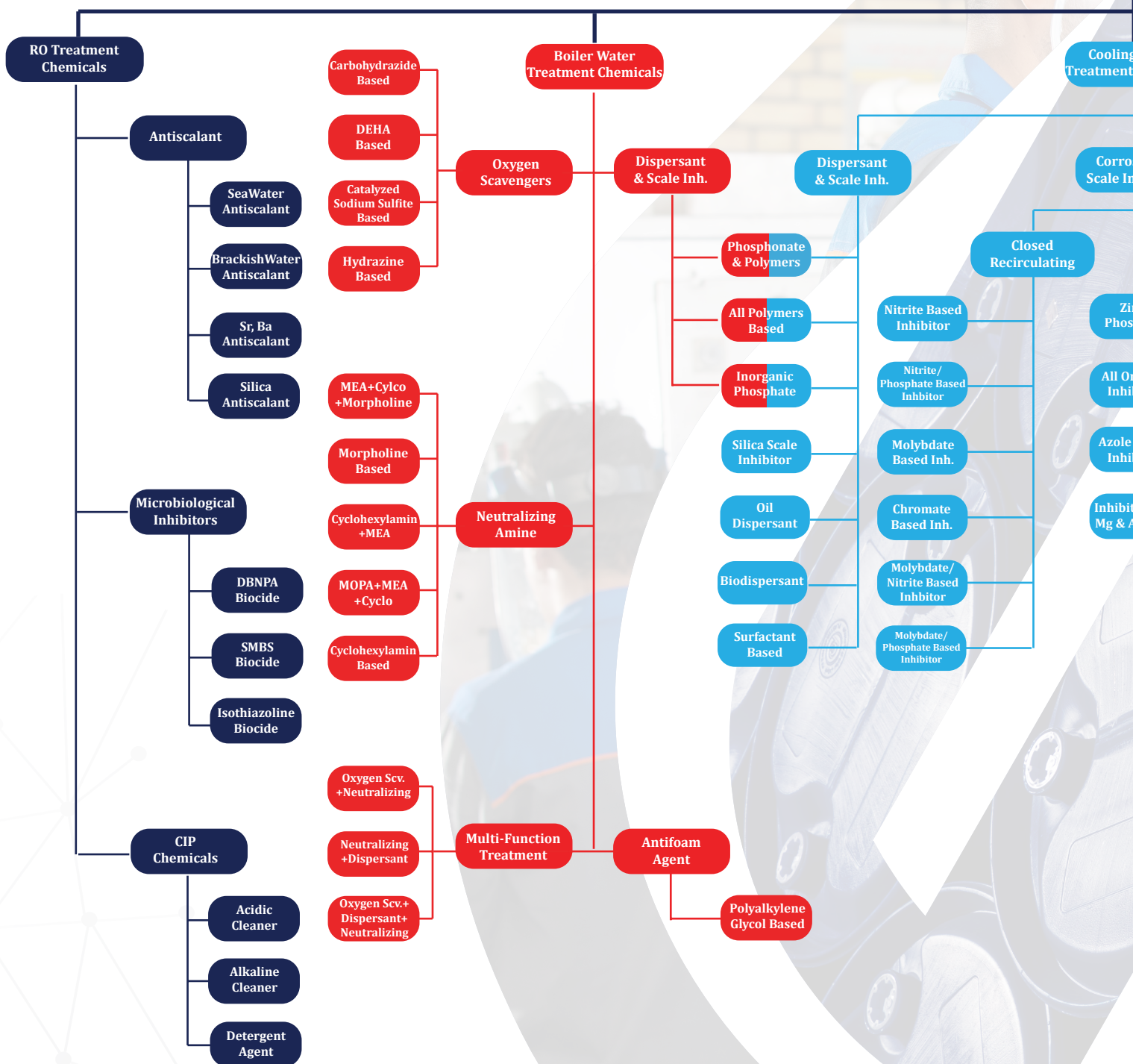


E.coli & Coliforms test kits are being used for diagnosing E.coli & Coliforms bacteria. Coliforms can be found in the aquatic environment, soil and on vegetation, which are commonly used as indicator of sanitary quality of food and water. In water, E.coli & Coliforms bacteria have no taste, smell, or color. They can only be detected through a laboratory test.

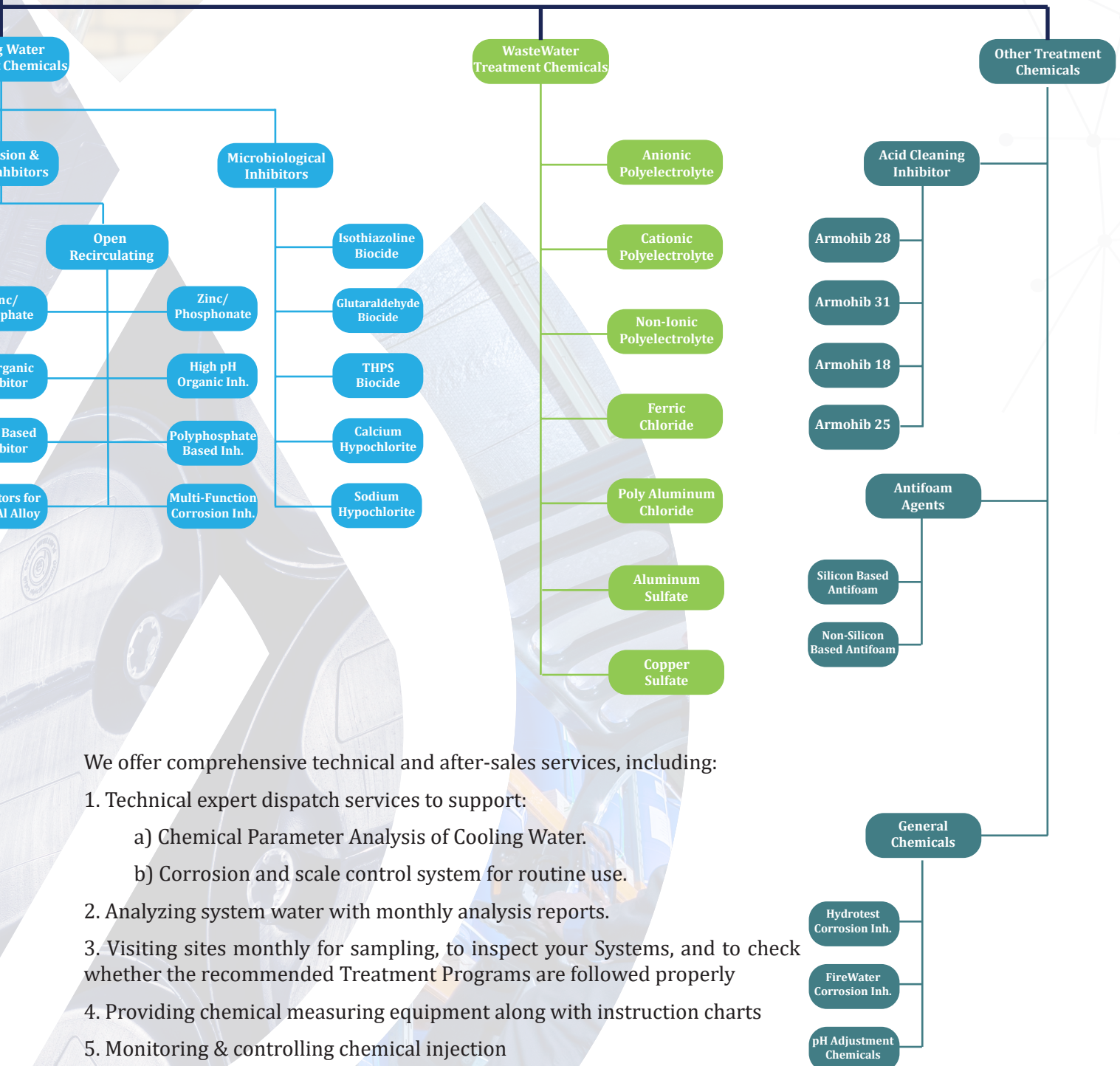
Fungi test kits are being used for diagnosing fungi. Fungi are other problematic microorganisms in cooling towers; they can ferment the organic materials in the presence of oxygen and produce organic acids. Fungi, by forming non aerobic situations help the growth of SRB.

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FeB test kits can detect ferrous oxidizing bacteria, which are aerobic and produce a lot of mud. These bacteria can oxidize bivalent iron to trivalent iron and then wrap around the cell wall. They are one of the problematic microorganisms in cooling towers. By using the FeB test kit, ferrous oxidizing bacteria can be determined inside a sample of water. These kits are composed of a hygienic layer of specific culture medium for growing ferrous oxidizing bacteria inside a hygienic glass container.



Water Chemicals



We offer comprehensive technical and after-sales services, including:

1. Technical expert dispatch services to support:
 - a) Chemical Parameter Analysis of Cooling Water.
 - b) Corrosion and scale control system for routine use.
2. Analyzing system water with monthly analysis reports.
3. Visiting sites monthly for sampling, to inspect your Systems, and to check whether the recommended Treatment Programs are followed properly
4. Providing chemical measuring equipment along with instruction charts
5. Monitoring & controlling chemical injection
6. Troubleshooting systems
7. Conducting training courses for engineers, technicians, and operators on-site
8. Preparing Project Statement of Work (PSW) as monthly technical report for customers
9. Proposing methods to conserve water and water treatment chemicals on-site
10. Ensuring compliance and reducing environmental impact

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t /shiftcorporate

ASA Chemical Pinar

Head Office Address:

*Unit 1 South, No. 358, Above Mofatteh-Motahari
Intersection, North Mofateh Avenue, Tehran, Iran*

Factory Address:

*No. 30H-114, 10th Toseh Street, Toseh Avenue,
Industrial City of Saveh (Ahmad Abad Zone),
Saveh, Markazi Province, Iran*

Phone: +21 88 75 08 68

Email: info@ASAChem.ir

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