



**JAY GAJANAN
WATER SOLUTION'S**
• RECYCLE WATER, REFRESH THE FUTURE •



INTRODUCTION

Our commitment to delivering practical and cost-effective solutions has established our strong reputation for technical excellence. We pride ourselves on achieving the highest quality outcomes while leveraging a diverse range of skills to address every opportunity. This dedication ensures the successful and timely completion of all projects, allowing us to meet and exceed our clients' expectations consistently.

OUR AGENDA

We aim to lead in technological innovation while safeguarding our planet's most precious resources. With a proven track record of excellence and a deep commitment to environmental responsibility, we apply our unparalleled expertise to every project we undertake. Our agenda is to create sustainable solutions that not only advance technology but also protect and preserve the environment for future generations. Together, we can drive progress that respects and nurtures our world.

OUR EXPERTISE

At Jay Gajanan Water Solutions, we are committed to revolutionizing the approach industries take toward water treatment. We provide a comprehensive range of services, including design, drafting, operation, maintenance, annual maintenance contracts, and the installation of state-of-the-art water treatment systems. Our expertise encompasses a variety of industries and applications, enabling us to deliver customized solutions that meet the unique needs of each client. With a focus on innovation and efficiency, we strive to enhance water treatment processes and contribute to a sustainable future.



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OUR SERVICES

Sewage Treatment Plant (STP)

The primary objective of a Sewage Treatment Plant (STP) is to effectively remove contaminants and pollutants from wastewater before it is discharged back into the environment. This process is essential for protecting public health, preserving water quality, and ensuring the sustainability of ecosystems. By treating wastewater through various physical, chemical, and biological processes, STPs help to minimize environmental impact and promote the safe reuse of water resources.



Effluent Treatment Plant (ETP)

The primary purpose of an Effluent Treatment Plant (ETP) is to remove harmful pollutants and contaminants from industrial effluents before they are released into the environment. ETPs are designed to treat wastewater generated by industrial processes, ensuring that it meets regulatory standards for discharge. By employing a combination of physical, chemical, and biological treatment methods, ETPs help protect water quality, safeguard public health, and promote environmental sustainability.



SOFTENING PLANT

A Softening Plant is a specialized facility designed to treat hard water by removing calcium and magnesium ions, which are responsible for water hardness. The primary goal of a softening plant is to produce softened water that minimizes scale buildup in pipes, boilers, and other equipment, thereby enhancing their efficiency and lifespan..



DEMINERALIZATION PLANT

A Demineralization Plant is a facility designed to remove dissolved minerals and salts from water, producing high-purity water suitable for various industrial and laboratory applications. This process is essential in industries where water quality is critical, such as power generation, pharmaceuticals, electronics, and food processing.



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OUR SERVICES

REVERSE OSMOSIS

Reverse Osmosis (RO) is a water purification technology that utilizes a semi-permeable membrane to remove impurities, contaminants, and dissolved solids from water. This process is widely used in various applications, including drinking water treatment, wastewater treatment, and industrial processes, due to its effectiveness in producing high-quality water.



WATER TREATMENT PLANT (WTP)

A Water Treatment Plant (WTP) is a facility designed to treat raw water from various sources, such as rivers, lakes, or groundwater, to produce safe and clean drinking water for public consumption and industrial use. The treatment process involves several stages to remove contaminants, pathogens, and impurities, ensuring that the water meets regulatory standards for quality and safety.



ZERO LIQUID DISCHARGE (ZLD)

Zero Liquid Discharge (ZLD) is an advanced water treatment process aimed at eliminating all liquid waste from industrial operations, ensuring that no wastewater is discharged into the environment. Instead, ZLD systems recover and recycle water, allowing for the complete reuse of water within the facility. This approach is increasingly important in industries facing stringent environmental regulations and water scarcity issues.



Multi-Effect Evaporation (MEE) Plant

A Multi-Effect Evaporation (MEE) plant is an advanced technology used for concentrating solutions, particularly in industries such as chemical processing, food and beverage, pharmaceuticals, and wastewater treatment. The MEE process utilizes a series of evaporator vessels or stages, each operating at progressively lower pressures and temperatures, to maximize water evaporation while minimizing energy consumption.



USE

Sewage Treatment Plant (STP)



Agricultural Wastewater Treatment



Municipal Wastewater Treatment

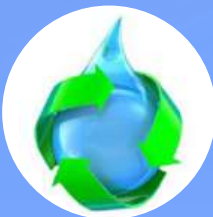


Industrial Wastewater Treatment

Effluent Treatment Plant (ETP)



Protection of Water Resources



Reuse and Recycling



Compliance with Environmental Regulations

SOFTENING PLANT



Cooling systems



Boiler feed watertreatment



Industrial processes



Residential and commercial water supply



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USE

DEMINERALIZATION PLANT



Electronics industry



Laboratory and research



Pharmaceuticals



Power generation

REVERSE OSMOSIS (RO)



Drinking Water Purification



Dialysis Treatment



Agricultural Applications



Desalination

WATER TREATMENT PLANT (WTP)



Drinking Water Supply



Industrial Processes



Agricultural Use



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USE

ZERO LIQUID DISCHARGE (ZLD)



Oil & Gas
Industry



Municipal water
Treatment

Multi-Effect Evaporation (MEE) Plant



Desalination



Food and Beverage
Industry



Chemical and
Pharmaceutical Industry

PRODUCT LINE

- Manufacturing Industries
- Requirements of the Pharmaceutical
- Food & Beverage
- Agricultural
- Water Treatment



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WHY US

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At Jay Gajanan Water Solutions, we are not just a company. we are a driving force for positive change in the realm of water treatment. Our commitment to innovation, integrity, and environmental responsibility distinguishes us as a leader in the industry.

Why Choose Jay Gajanan Water Solutions?

Innovative Solutions

We leverage cutting-edge technology and research to develop advanced water treatment solutions that address the challenges of today while anticipating the needs of tomorrow. Our products and services are designed to enhance efficiency, reduce waste, and promote sustainability.

Environmental Responsibility

At Jay Gajanan Water Solutions, we believe in protecting our planet for future generations. Our practices prioritize eco-friendly methods and materials, ensuring that our water treatment solutions contribute to a cleaner, greener environment. Expertise You Can Trust: Our team of experienced professionals is dedicated to providing you with the highest level of service and support. We work closely with our clients to understand their unique needs and develop tailored solutions that drive results.

Comprehensive Services

From water treatment chemicals to advanced filtration systems and Zero Liquid Discharge technologies, we offer a wide range of products and services designed to meet the diverse needs of various industries.

Commitment to Quality

Quality is at the heart of everything we do. Our rigorous quality control processes ensure that our products meet the highest standards, providing you with reliable and effective solutions.

Explore the Possibilities

We invite you to explore the possibilities with Jay Gajanan Water Solutions and discover how our expertise can elevate your water treatment initiatives to new heights. Together, we can create sustainable solutions that not only meet your operational needs but also contribute to a healthier planet.

Join us in our mission to build a cleaner, greener future. Contact us today to learn more about our innovative water treatment solutions and how we can partner with you for success!

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