



ISO CERTIFICATION OF WATER & WASTEWATER TREATMENT FACILITIES

“Now Trouble Free Operation Of Your Water & Wastewater Facilities With Systematic Approach And Sustainable Water Management & Quality”

“What gets measured gets managed” is a common business adage, but even companies that are working to understand water related risks and opportunities are struggling with the fundamental questions of quantifying their water use, assessing their exposure to water risk and identifying the opportunities that water presents irrespective of what information investors and other stake holders might require!

Growing population and rising standard of living of people are pushing demand of clean water. With quantity of water becoming limited, availability of fresh water becoming scarce, statutory environmental regulations becoming more stringent, optimization in use of water calls for better and better management of treatment facilities and services.

- As one of the large users of this precious resource, industries and other water utilities have important responsibility to use water effectively and efficiently.
- Around the world, cities, farmers, industries, energy supplies and eco systems are increasingly competing for their water needs. Without proper waste management, cost of this resource can be very high, not just financially but also in terms of opportunities, compromised health and environmental damage.
- Energy is another precious and scarce resource. Efficient operations of water and waste water facilities would help optimization of energy consumption and the cost. Reduction in consumption of water will not only effect saving but also protect the environment.



Approach to Management of Water & Wastewater Facilities

- World's largest developer of voluntary international standards, ISO (International Organization for Standardization), develop and publish standards that support innovation and provide solutions to global challenges.
- These standards give world class specifications for products, services and system to ensure quality, safety and efficiency. The standards provide strategic tools that reduce cost by minimizing wastes and errors and increasing productivity.
- ISO standards build confidence through consensus based global solutions for good business practice.



Aim of Water Utilities:

- To offer services to all.
- Continuous supply of drinking water.
- Collect and treat waste water.

Water Utilities Expectation:

- Meet the requirements of relevant authorities, responsible bodies and other stake holders.
- To ensure long term sustainability of the services.

ISO Water Standards

- ISO has developed standards for water and wastewater facilities to ensure effective and efficient operations and provide best practices for sustainable water management and quality.
- The standards are applicable to publicly and privately owned water and wastewater facilities and systems of any level of development such as on-site systems, distribution network, and treatment facility.
- The standards are management guidelines have to be understood as examples of good practices, which need to be adapted to local situations.

The Water and Wastewater Standard Includes:

- Guidelines for effective operations in accordance with efficient operations, environment protection, risk assessment.
- Guidelines for assessment and improvement of services.
- Customer oriented approach.
- Management tools such as asset management, crises management, benchmarking.

The Scope of Standards Excludes:

- Design and construction of water supply and wastewater systems.
- Limits of acceptability for drinking water quality and water discharge.
- Analytical methods.
- Target values, threshold for proposed objectives of water utilities.
- Management structure.
- Matter relating to regulations.
- Installations between point of delivery and point of use.



Benefits of Implementation of Water and Wastewater Standards:

- Sense of security for the public.
- Recognition.
- Good management practices – controlled operations, consistency.
- Water and wastewater safety plans –risk management, environment management.
- Continual improvement in service levels – clearly defined objectives to quantify service levels.
- Enhanced capability of organization and operating personnel.
- Since water and wastewater standards address concepts and requirements of QMS, EMS and OHSAS, the water and wastewater facility can be offered accredited certificates in accordance with the respective standards.

What Can We Do For You?

- Proper understanding of concepts, standard requirements and its proper adoption to water and wastewater facilities plays very important role. This is very critical as the facilities operate in different business/social sectors, cultures as well as different national cultures.
- Our professional consultants will facilitate understanding the concepts and requirements of the standards enable water and wastewater to build and operate effective system.
- Our consultants help water and wastewater facilities to design, document and implement management systems best suited to them. This also includes setting of objectives, monitoring and system audits.
- Efforts would result in compliance certificate in accordance with applicable ISO water management standards.

Our experts would be happy to discuss your specific requirements and assist you to initiate the implementation of water and wastewater standards.

To know more get in touch with us!!

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"think green & save blue"
"a water engineering company"