



**WATER & WASTE WATER MANAGEMENT
KNOWLEDGE MANAGEMENT**

www.aktionindiaa.com

akt.ion
India

Water..our Performance Objective

With an idea to share what we know from the industry and fraternity in Water & Waste Water Management Aktion Indiaa focuses on :



Training &
Performance
Management



Design,
Engineering &
Consultation



Condition
Assessment, Retrofit
& Modification



Pilot Studies
& Innovations

To support one and all connected with water and waste water management; End User, EPC Companies, Consultant, Designers and Utility operators.

Technology & Process Knowhow Expertise provide the basic foundation necessary to support our customers with performance as benchmark and Return on Investment (ROI) as Key performance Indicator (KPI). This coupled with over 2 decades of experience helps our customer achieve their objectives, with ease.

Subject Matter Expertise

- ♦ Water & Waste Water Chemistry
- ♦ Coagulation & Flocculation techniques
- ♦ Clarification
- ♦ Pressure and Gravity Filtration
- ♦ Ion Exchange Process
- ♦ Desalination Membrane & Thermal
- ♦ Micro Filtration-Ultra Filtration
- ♦ Nano Filtration-Reverse Osmosis
- ♦ Pressurized and Submerged MBR
- ♦ Biological Processes, USAB, ASP, MBR, MBBR
- ♦ Advance Oxidation Technique
- ♦ Electro Coagulation, Fenton
- ♦ Chlorination, Ozonation
- ♦ pH ReDOX & Chemical Controls
- ♦ Precipitation Chemistry



Condition Assessment - TWM Audit

Even best brains need reconfirmations. It's important to have a "Health Check-up" of your water and waste water equipment and focus on key efficiency parameters :

ENERGY CONSUMPTION

Must be optimum to capital invested & general Good Operation Practices (GOPs) to be ensured during operation.

CHEMICAL IMPACT INDEX

Shall be positive with respect to dose, purity, concentration; need related to input and efficacy traced to outlet change. Most often this aspect needs re-programming.

Our Operation & Maintenance support does virtual integration of your plant operation to our mind and ensures advises every month. We optimize O&M costs and hence a better ROI. The start up process is :

- ♦ MLP Study (Money Leak Points)
- ♦ Establishing data logging and transfer protocol
- ♦ Submission of report cards by us to you with advises to improve

O&M Monitoring Expertise

- ♦ Operation and Maintenance Charter
- ♦ HAZOP
- ♦ Statutory and Technical Compliance
- ♦ Plant Availability and % Utilization
- ♦ Inventory Planning
- ♦ Resource Optimization
- ♦ Data Logging Analysis and Trends study
- ♦ Capacity Augmentation
- ♦ Opex Control
- ♦ SHE Measures



I had a single focus on Water and Waste Water Management. Started in 1990 as a business development officer and managed pinnacle of S&M activities with focus on Top-line and Bottom line as profit center head till year 2005. Thereafter, I focused on technology driven strategies and product innovations, Business process restructuring & managing new technologies from identification to implementation.

Learned at Ion Exchange India Limited, Doshion Ltd., BGR Group, Veolia Water, Krüger, OTV, John Meunier, AnoxKaldnes, Aquantis, Driplex etc.

Established Aktion Indiaa in 2013 to serve the Industry.

Sanjeev Srivastava | Founder
Engineer from IIT Roorkee

One who can vouch for our work !!

