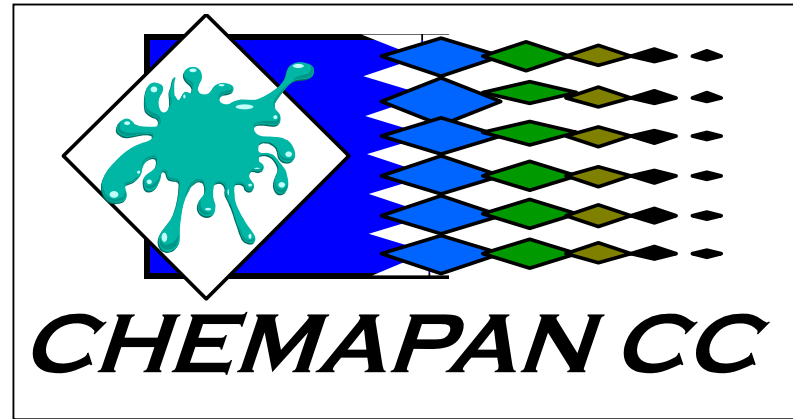


Chemapan c.c. is one of the most experienced companies specializing in standardized and turnkey (custom) water treatment solutions for General Industry, Resorts and communities requiring drinking water.



THE EQUIPMENT

There is an arrangement of treatment techniques available for the treatment of water or waste water. The choice of which is determined by the contaminants in the water.

- 1. The first step** is to determine the condition of the feed water chemically and physically. The origin of the water is important.
- 2. The second step** is "For what use is the water to be treated?"
- 3. The third step** is to design a system that best suits the clients' requirements.

PACKAGED SYSTEMS

It is a feature of the Chemapan range of plants that integrated containerised or skid mounted packaged plant can be provided where required.

These units are assembled from standard or custom made individual components selected specifically for the Water treatment task. The optimum, most cost effective solution is determined in close consultation with the Client.



Containerised Packaged plant to treat raw river, dam or well water for domestic use in China.



Skid mounted Reverse Osmosis system for producing demineralised water at an automotive plant.



Suite 12 Florida Park Shopping Centre
Cnr. Daniel Malan Ave. & Jan Smuts Dr.
Phone +27 11 674 4742
Fax +27 11 674 4743

WWW.CHEMAPAN.CO.ZA

PROCESSES:

- FLOCCULATION
- PH CORRECTION
- STERILIZATION
- CLARIFICATION
- FILTRATION
- ORGANICS REMOVAL
- DESALINATION
- DEMINERALIZATION
- BIOLOGICAL TREATMENT.

*WE WORK WITH WATER:
GIVING YOU FUTURE
SOLUTIONS NOW.*

CUSTOMIZED TURNKEY WATER TREATMENT SOLUTIONS

OFTEN THE CLIENT HAS A
REQUEST WHICH IS NOT BEST
SERVED BY A PACKAGED
“SOLUTION”

Chemapan cc in its past 18 years has been approached on a regular basis to design and install customer driven and unique process solutions.

This requires:

- 1 . A thorough understanding of the problem and will require an in depth analysis of the water and its constituents over a period of time.
- 2 . A preliminary process design and discussion with the client including budget figures.
- 3 . Process finalization and budget for customer approval.

4 . Procurement, installation and commissioning of the plant.

5 . Plant hand over to the client.



*Turnkey water recycling plant customized to
Clients wastewater needs at a Steel Mill.*

BIOLOGICAL TREATMENT SYSTEMS:

Over the last 18 years Chemapan have designed and installed a number of biological systems ranging from 15 m³/day at a game lodge to 600 m³/day at a major resort in the Maldives.

The standard domestic sewage system uses activated sludge.

Chemapan, however, prefers to design using newer technology such as submerged aerobic fixed film and Mixed bed bio reactors which has the following benefits:

- Smaller footprint.
- Quick Start up.
- Self cleaning
- Fully automatic

Wastewater Analysis & Design

Designs for new applications should be based on a full waste water analysis and followed up by a test program in order to verify the design and guarantee the effluent. Such tests may range from biodegradability testing in lab to pilot testing on site.

INDUSTRY SERVED

- AUTOMOTIVE
- MINING
- FOOD AND BEVERAGE
- MUNICIPAL
- GOLF RESORTS, GAME LODGES AND OTHER RESORTS.
- MILITARY & RELIEF SYSTEMS
- WINERIES
- PAPER INDUSTRY.



Domestic Sewage: Package Moving Bed Bio reactor plant at a resort in South Africa.

AT PRICES YOU CAN AFFORD

We can often save you more than the cost of our service alone. So why not call today?

Call 0116744742/4725789