



# WATER BOTTLING PLANT



EXPERIENCE  
PRISTINE  
FRESHNESS

**Driving Sustainable Solutions  
for the  
Hospitality Industry**

# Canadian Crystalline

Engineering Water Solutions since 1969

- 500+ glass bottling solutions in Hotels and Industries.
- Driving the revolution of sustainable glass bottles.
- World's leading sustainable drinking water partner for hotels.
- ISO 9001 / CE / GMP certified company in design, manufacturing, supply installation and commissioning of water projects.
- Over 10,000 bottle water projects across India , USA, Sri Lanka, Bangladesh, Middle East, South-East Asia, Africa, Australia and Eastern Europe.
- Largest manufacturing facility in India spread over 100,000 Sqm

## Our Technology & Product Line

**Water  
Treatment Plants**

**Process Technology &  
Complete Packaging  
Solution**

**Processing and Packaging  
Capital**

**Structured / Nutrition /  
Alkaline Water System**

**Waste Water  
Treatment Plants**

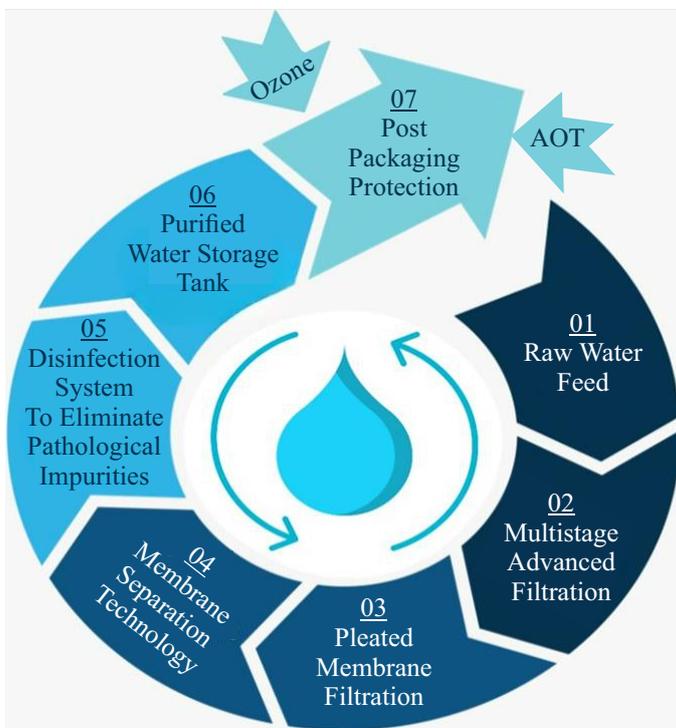
**Desalination Plants &  
Technologies**

**Brewery Equipment**

**Effluent Water  
Treatment Plants**

**Sewage Water  
Treatment Plants**

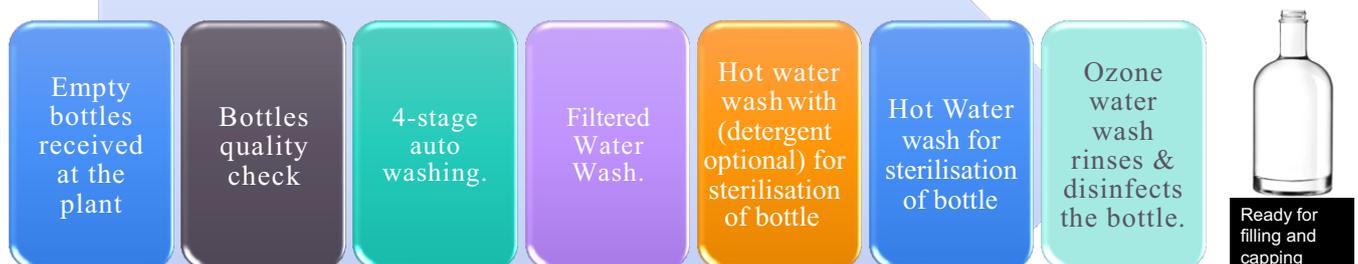
# Drinking Water Solution For Hospitality



## WATER TREATMENT PROCESS

1. Raw water to plant (from source)
2. Elimination of physical impurities by Advance Filtration
3. Elimination of chemical, excess minerals and pathological contaminants by Membrane Separation
4. 100% kill rate of pathological impurities by Sterilisation and Disinfection
5. Ozone for disinfection and post packaging protection
6. Patented Advanced Oxidation Technology (AOT) for enhanced shelf life

## Bottle Cleaning & Rinsing Process



## WATER FILLING PROCESS

- Post Washing bottles automatically transfer to filling
- Pristine mineral water is filled in bottle
- Advance oxidation for extended shelf life.
- Accurate filling
- Unique Blend of Electrolytes and minerals



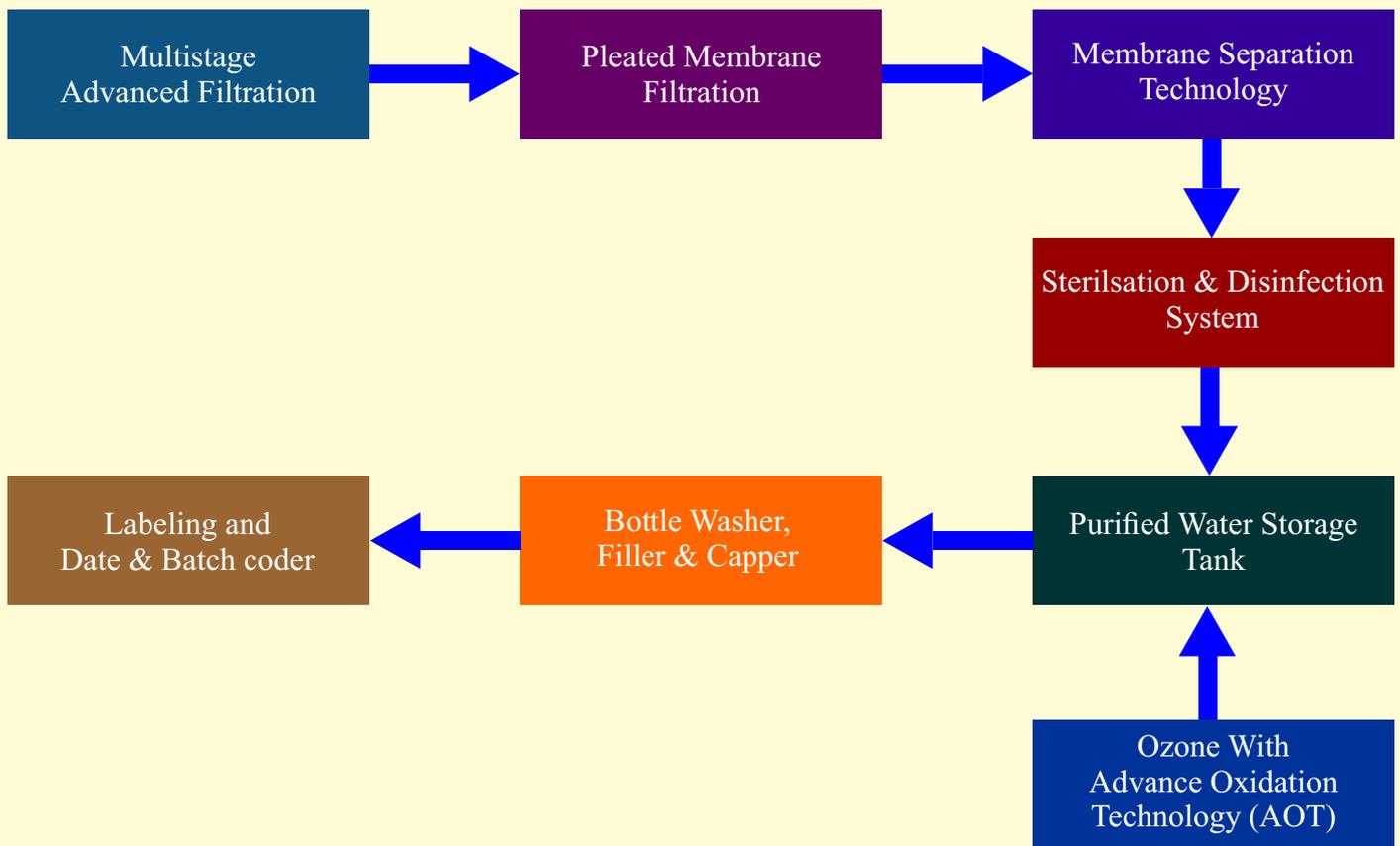
## GLASS BOTTLE CAPPING & SEALING

- Post filling bottles auto transfer to capping section for automatic capping.
- Post capping bottles move for auto pilfer proof seal labeling
- Label carries branding best before and batch code



**Bottle Washer, Filler & capper**

## BOTTLING PROJECT PROCESS FLOW CHART



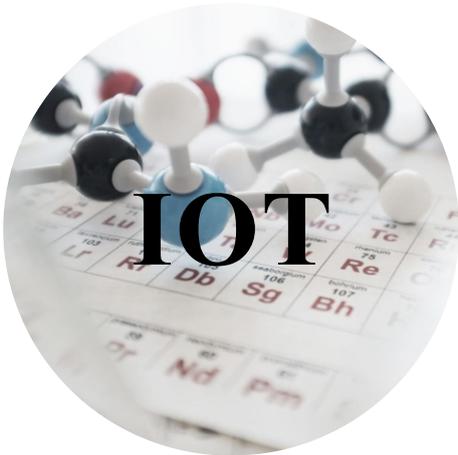
# Plant design technology...

Experience the epitome of purity with our groundbreaking water purification technology. Combining our state of the art AI powered cloud technology, we produce water of unparalleled clarity and Pristine Freshness.

- Canadian Crystalline's Proprietary Integrated Membrane Solution Design Software (IMSDS™) for Optimized performance and water quality .
- Membrane Modeling .
- Product / permeate quality and quantity.
- Enhanced productivity
- Canadian crystalline's Patented Advanced Oxidation technology design Software (AOTDS™) For determining.
- Enhanced shelf life .
- Post Packaging protection

# Worlds Most advance water quality monitoring system

Powered by Proprietary CC Aqua<sup>TM</sup>- Cloud Compliance 360 Software (AACC)



**IOT Enabled for real-time monitoring :**

- Water quality
- pH/ TDS
- ORP (oxidation reduction potential)
- Membrane Performance and Status
- Input/ Output pressure
- Flow Rates

**We also offer...**

- Sparkling Bottled Water
- Carbonated Bottled Water
- Nutrition Bottled Water
- Alkaline Bottled Water



## Why choose Canadian Crystalline?



**Easy to Operate & Maintain**



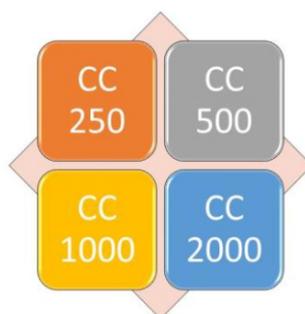
**Elimination of Pet Bottles**



**Fully recyclable glass bottles**



**Branded and Green labelled Bottles**



**Option of 4 bottling capacities**



**Minimized footprint**

# CUSTOMER SERVICE

**Customer support:**  
full -fledged engineering division, for installation, commissioning and servicing

**Rapid response**  
teams of trained, reliable and technically competent Engineers/ Technicians

**Operations & Maintenance**  
teams across locations

**Our Philosophy:**  
The customer's success is our success

## Additional Information

Approved by IBWA standards (International Bottled Water Association)  
Worlds Premium Institute for Certifying Bottled Water Equipment and Products.

Member of American Water Works Association

Member of Asia Bottled Water Association

Largest Bottled Water project in Asia executed @ capacity of 1 million liters/day

## Our Clients





# GLOBAL OFFICES

## INDIA:

NO. 7, PAARIVAKKAM ROAD, LEELAVATHY NAGAR,  
SENNEER KUPPAM, CHENNAI - 600 056

## USA:

439 N BRIERY ROAD, BIERY INDUSTRIAL AREA, IRVING ,TX 75061

## DUBAI:

G1-03, AJMAN FREE ZONE BUILDING, AJMAN, U.A.E

## CANADA:

CANADIAN CRYSTALLINE LLC 20204-110 AVENUE NW EDMONTON, AB, CANADA, T5S 1X8

## AUSTRALIA:

AUS CANADIAN CLEAR PTY LTD U5/35 WYANDRA ST, TENERIFFE BRISBANE QLD 4005