



# Environmental solutions



[WWW.ATZTECH.CO](http://WWW.ATZTECH.CO)

# ATZtech Water treatment main products

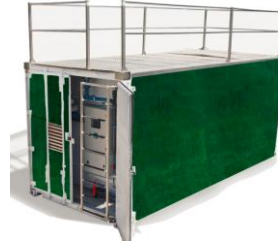
- Biological Technologies- MSBT
  - Multi Stage Biological Treatment
  - Negligible surplus of organic sludge

**NEW- DAOS-Double Action Oxidation system –Patent**

**VOC BIO FILTER – High efficient removal of VOC**

**AOP-Advanced Oxidation Process**  
UV base ,**Ozone treatment**

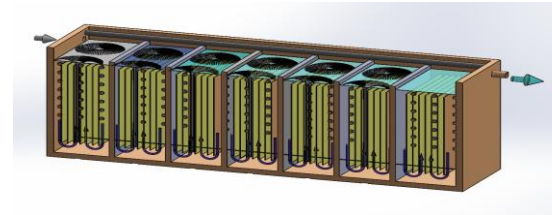
Container



Concrete



Ponds



# High performance VOC Bio Filter



- High efficiency removal of TOC.
- Operating in Halogenplast since 9/2017 - removing high load of MEK and MIBK



# River Water Treatment Project of Xialu, -Mali and Sixiang Village in Zhongtang Town 2013



Effect Picture



Site Picture



# Multi Stage Deep Gravel System -Industrial project-2013

## Shong Shang Lake - Upgrade project- 5 MLD - Industrial-Design model



# Multi Stage Deep Gravel System -Industrial project-2013

LED factory waste water treatment -River Discharge

The Solution- Deep gravel biological system +DSF+AOP+Filtration

China – Song Shang Lake – Industrial Waste Water

Flow 5,000 m<sup>3</sup>/day Underground facilities.

**Results – Bod- 3 mg/l ,COD-30mg/l, TN-<1.5 mg/l , TP-<0.3**





# Filtration System -Shong shang lake -china



松山湖污水处理厂  
Songshan Lake Wastewater Treatment Plant

东莞松山湖国家高新区工业污水处理厂尾水提标工程项目  
Hi-tech Zone ,Dongguan City, is adopting MSBS technology from Israel.

# AOP-Industrial project-Shong Shang Lake –China-2013



松山湖污水处理厂  
Songshan Lake Wastewater Treatment Plant

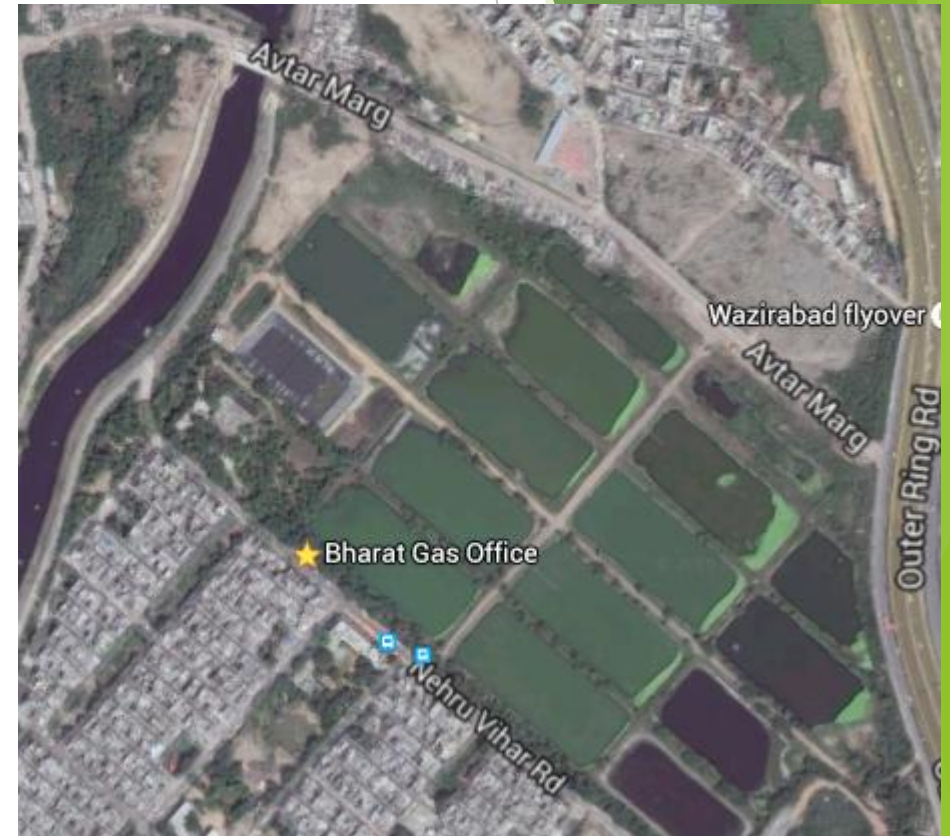


# MSBT Installation in concrete

## Taiyuan city-China -MSBT 1 MLD



# Delhi MSBT 1 MGD





# Multi stage pond technology. Fully gravitational MSBT solution



## Results

1.TSS < 8 mg/l

2.BOD <8 mg/l





# China - MSBS 1000 - Qingxu , Taiyuan city





# MSBT Installation in concrete

Taiyuan city-China -MSBT 1 MLD



**Taiyuan city-China -MSBT 1 MLD  
-15C -Winter 2012**





# MSBT Installation in pond

**ISRAEL -Kibbutz Rehim –**

**MSPS - Flow 100-300 m<sup>3</sup>/day --- Result – TSS <8 BOD<8**

**MSBS pond system (Including Tertiary Treatment & Aerators Containers )**



# Multi stage pond technology. Fully gravitational MSBT solution



## Results

1 TSS < 8 mg/l

2. BOD < 8 mg/l



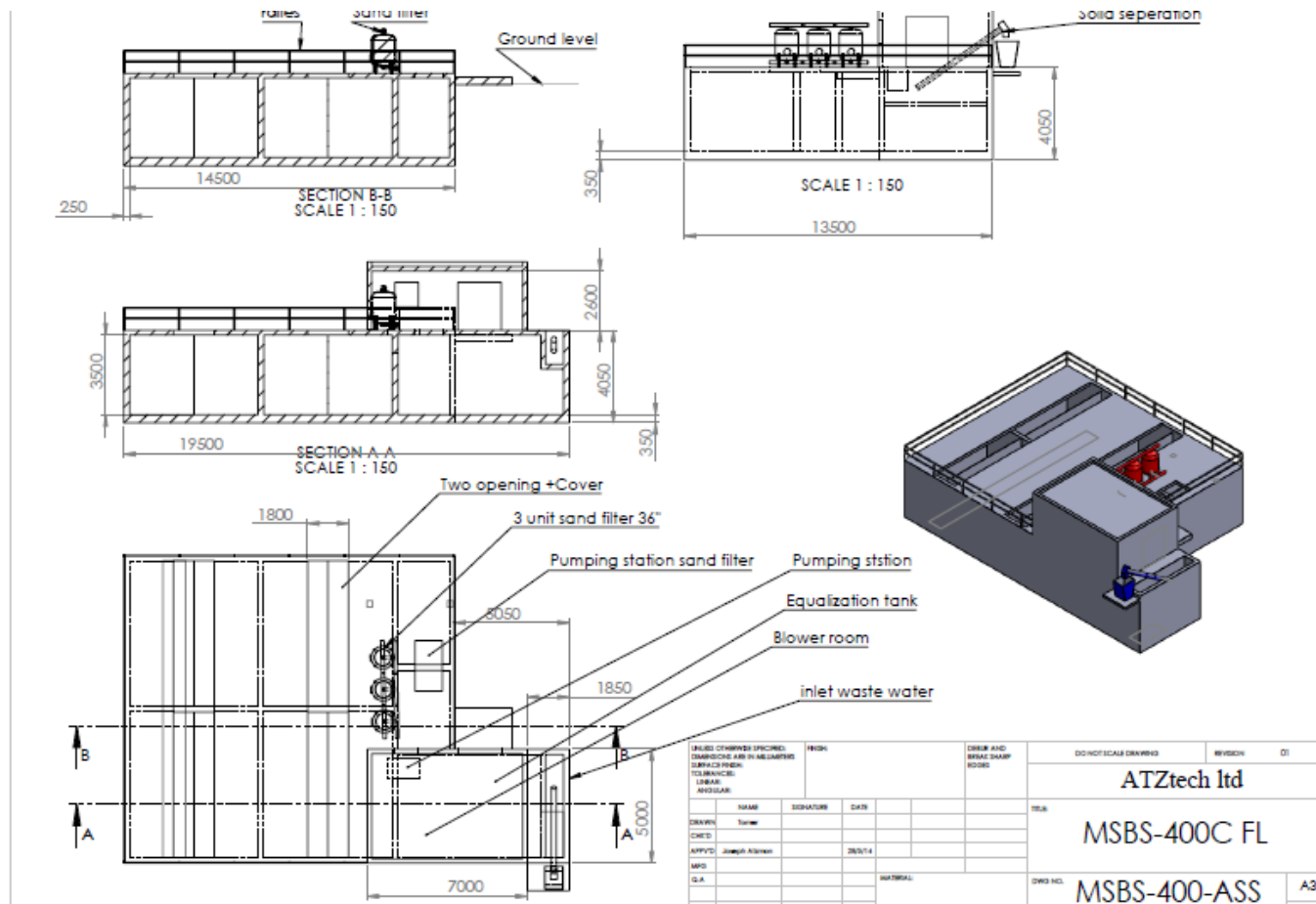


# MSBT for school in chenai India - (2016)



# MSBS -400 Jamia University Delhi

## Under ground WWPT -construction 2015





# AOP & UV -Process

High effective UV reactor.  
Advanced optic solution.  
Reduce COD to a very low level.

**AOP**  
Advanced  
oxidation  
process

**UV**  
disinfection  
process



# ATZtech -UV Reactor with mirror effect





# Contact us



Address -Ramat Hasharon ,Hshikma st' 12 47217 ISRAEL

Telephone - +972-3-6200056

Fax- +972-3-5470239

E-mail - [atzjoseph@gmail.com](mailto:atzjoseph@gmail.com)

Joseph Atzmon

Mobile- +972-54-3177204

[WWW.ATZTECH.CO](http://WWW.ATZTECH.CO)