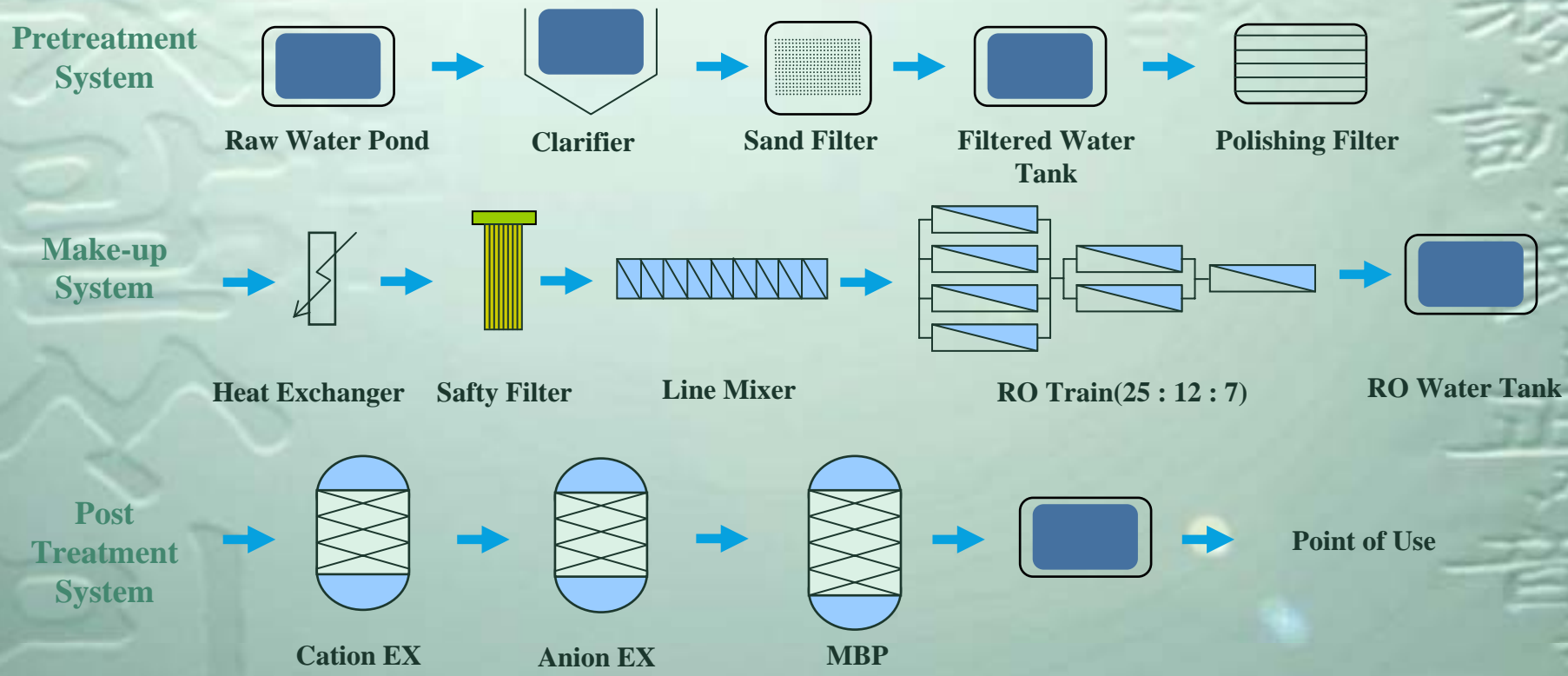


# Samsung General Chemicals

- ❖ Boiler Feed Water
- ❖ Equipment Start : from 1995

## ❖ Lay out of Equipment



# Details of CSM Installation

## Operating Duration

❖ '02. 8

## CSM Model

- ❖ RE8040-BF / 528pcs
- ❖ 264pcs / block X 2Block

## Capacity of Equip.

- ❖ 35,000m<sup>3</sup>/day  
(5,000m<sup>3</sup>/day X 7block)

## RO Array

- ❖ 25 : 12 : 7
  - ❖ 6elements / vessel
- Average Permeate Flux : 14 gfd

## Feed Water

- ❖ Surface Water
- ❖ TDS 600ppm

## Remarks

- ❖ System Recovery 87%
- ❖ CIP : 1time/10days
- ❖ Cleanning Agent

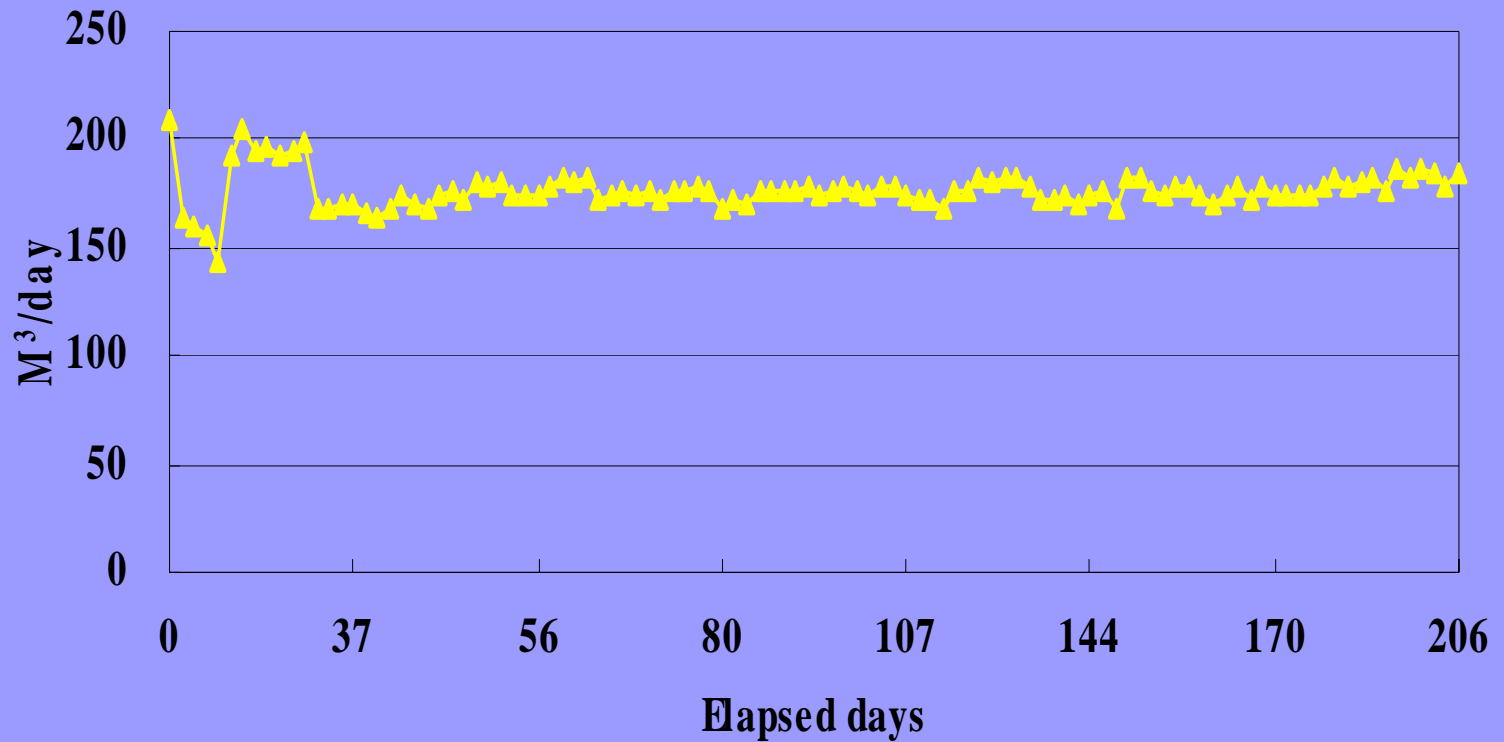
## Permeate Quality

- ❖ 10ppm by Cl<sup>-</sup> conc.
- ❖ Salt Rej' 98%

Citric Acid, Na<sub>2</sub>CO<sub>3</sub>

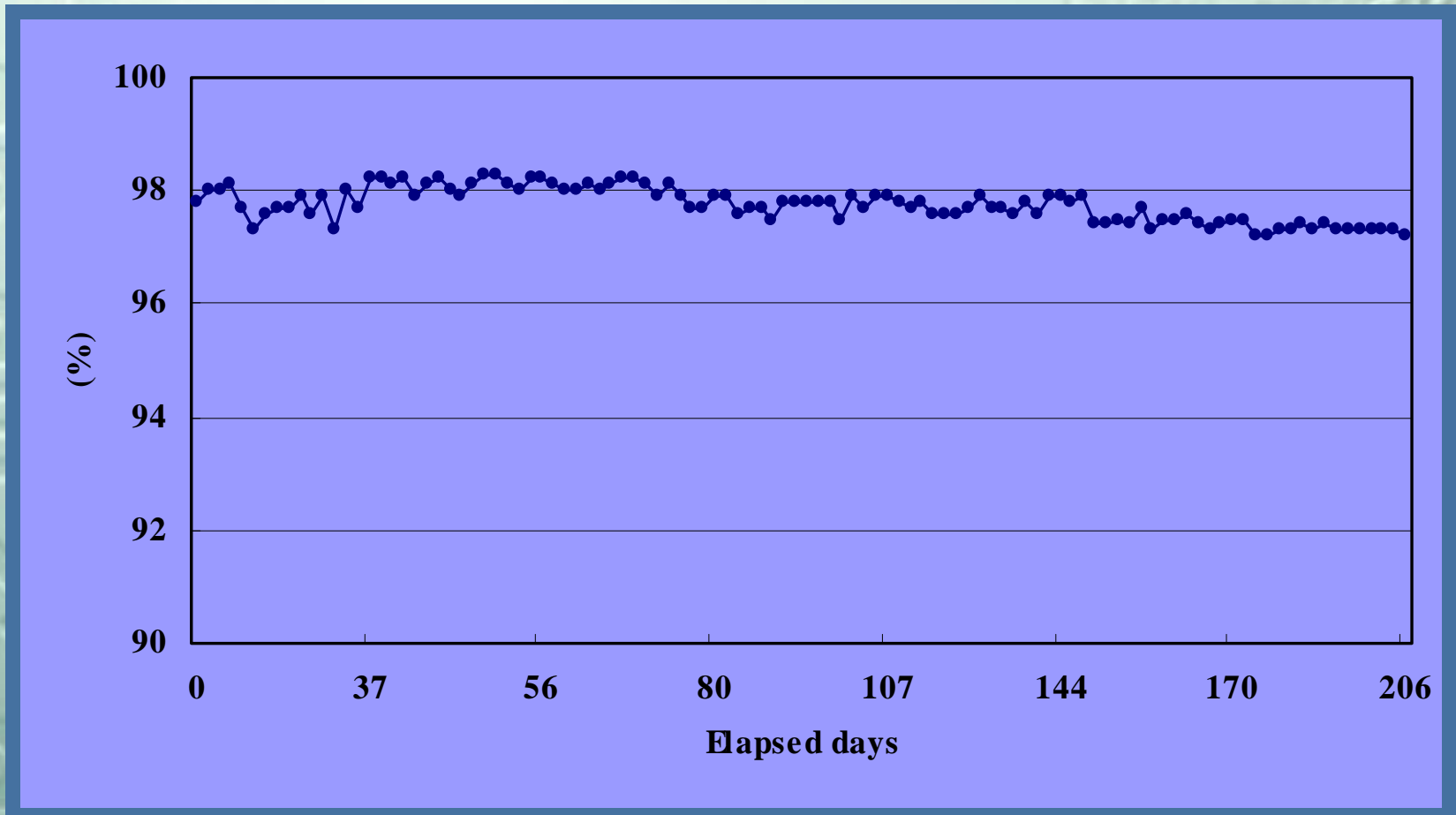
# Normalized Operating Data

## ❖ Normalized Permeate Flow



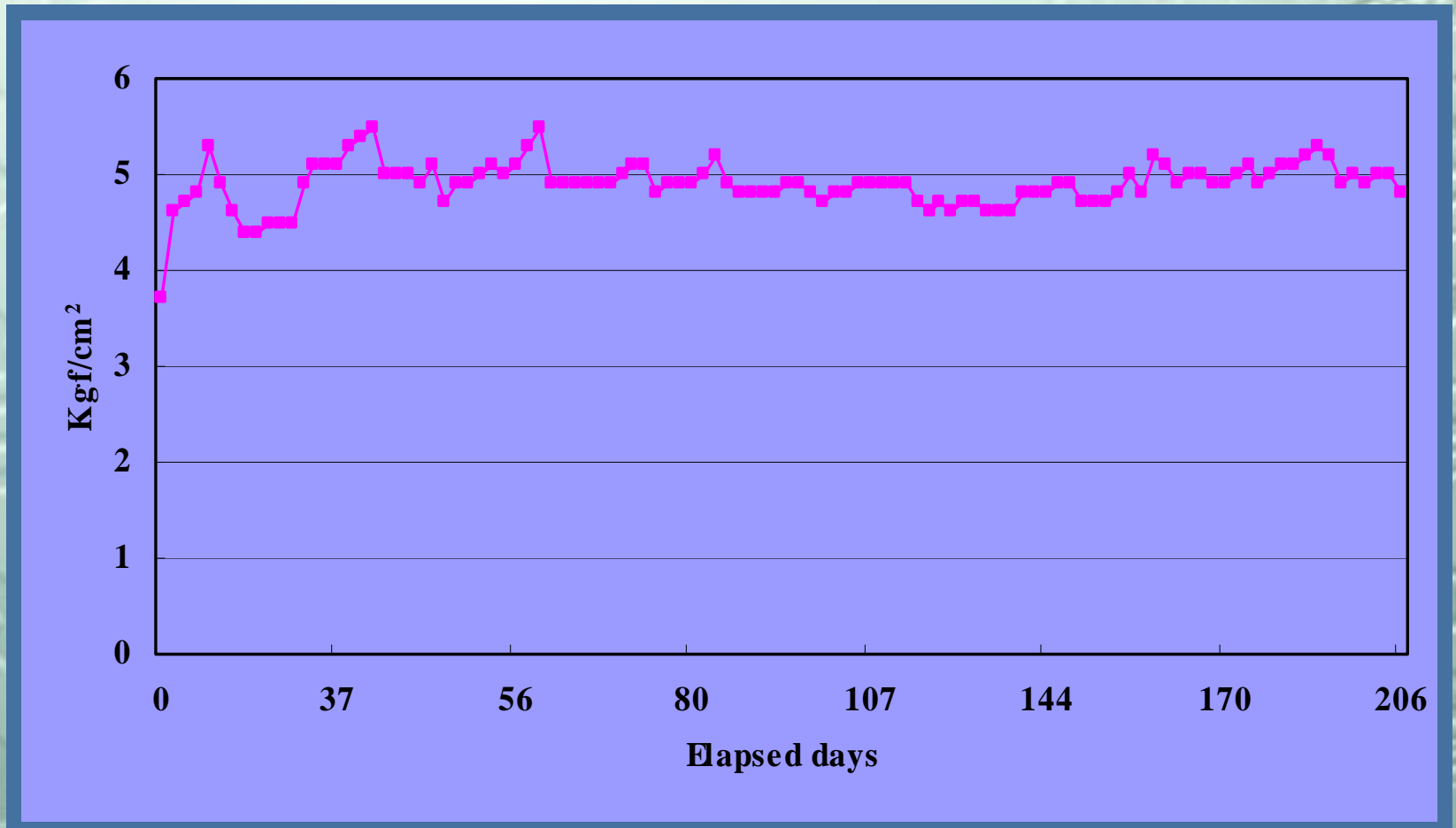
# Normalized Operating Data

## ❖ Normalized Salt Rejection



# Normalized Operating Data

## ❖ Differential Pressure





# Related Photos



# Related Photos





# Related Photos

