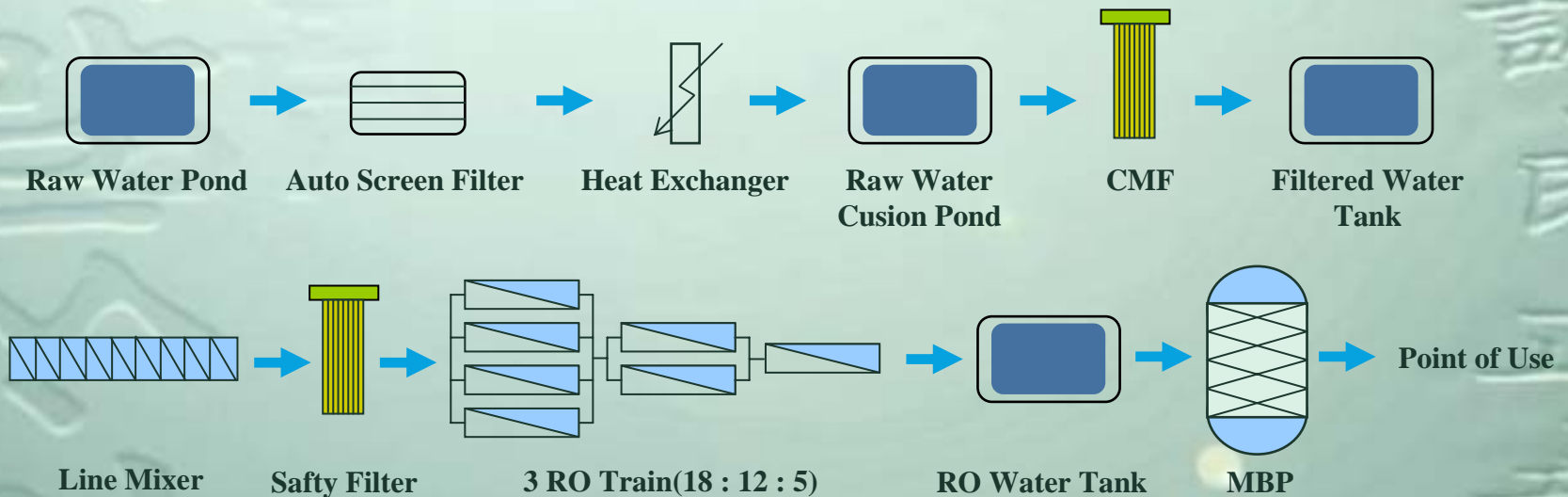


# Dongbu Steel Co. (東部製鋼)

- ❖ Boiler Feed Water & Process Water
- ❖ Samkwang Aqua. Machinery(三光水機,韓)
- ❖ Equipment Start : from April, 1998

## ❖ Lay out of Equipment



# Details of CSM Installation

## Operating Duration

- ❖ 1<sup>st</sup> '98. 4 '02. 3
- ❖ 2<sup>nd</sup> '02. 3

## CSM Model

- ❖ RE8040-BE / 420pcs
- ❖ 210pcs / block
- ❖ Installed in A & B Block

## Capacity of Equip.

- ❖ 12,960m<sup>3</sup>/day  
(4,320m<sup>3</sup>/day X 3block)

## RO Array

- ❖ 18 : 12 : 5
- ❖ 6elements / vessel
- Average Permeate Flux : 13.6 gfd

## Feed Water

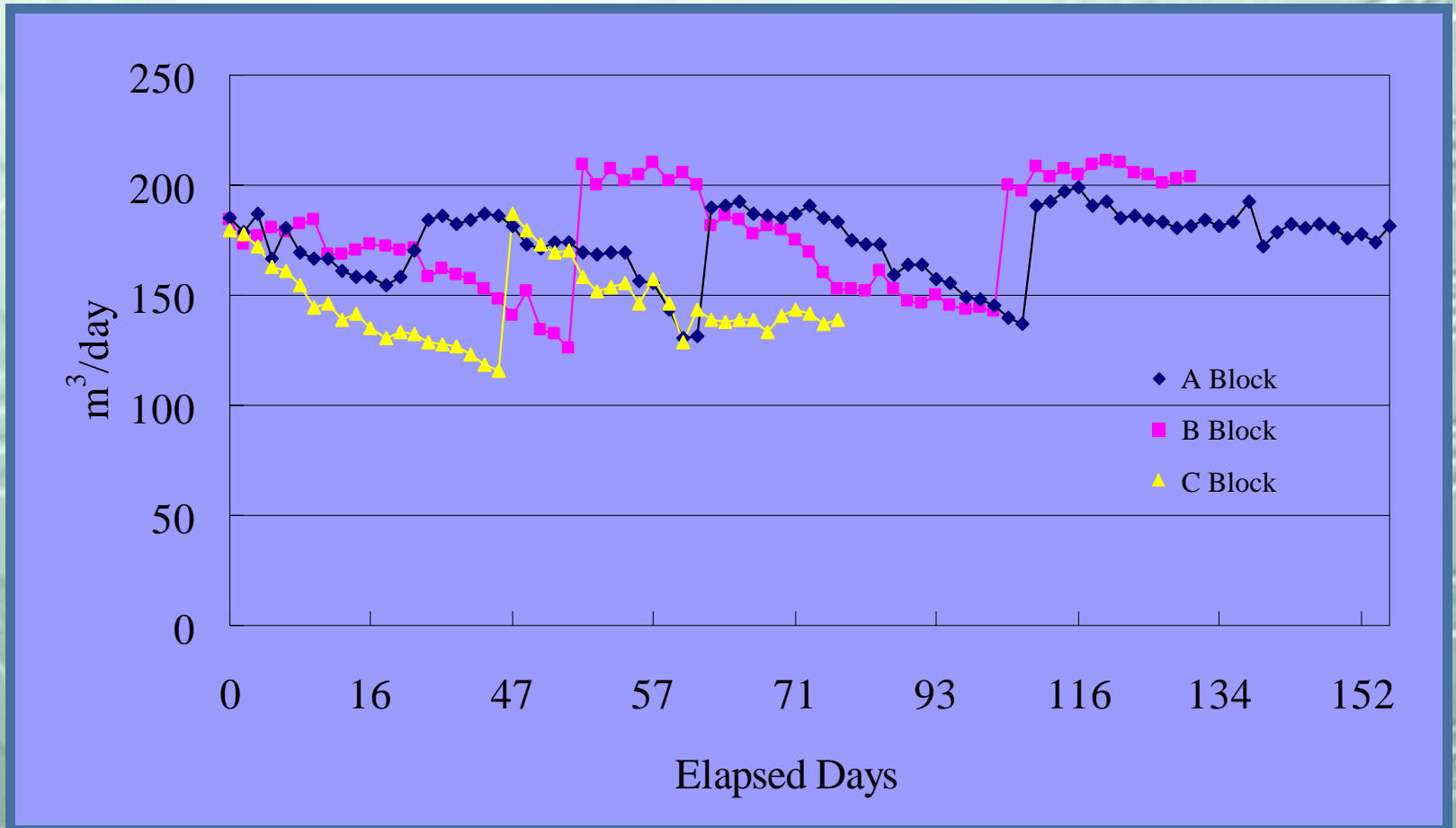
- ❖ Surface Water
- ❖ TDS 500ppm

## Remarks

- ❖ Si, Al, Mn Scale Potential
- ❖ Nalco Cleanning Agent

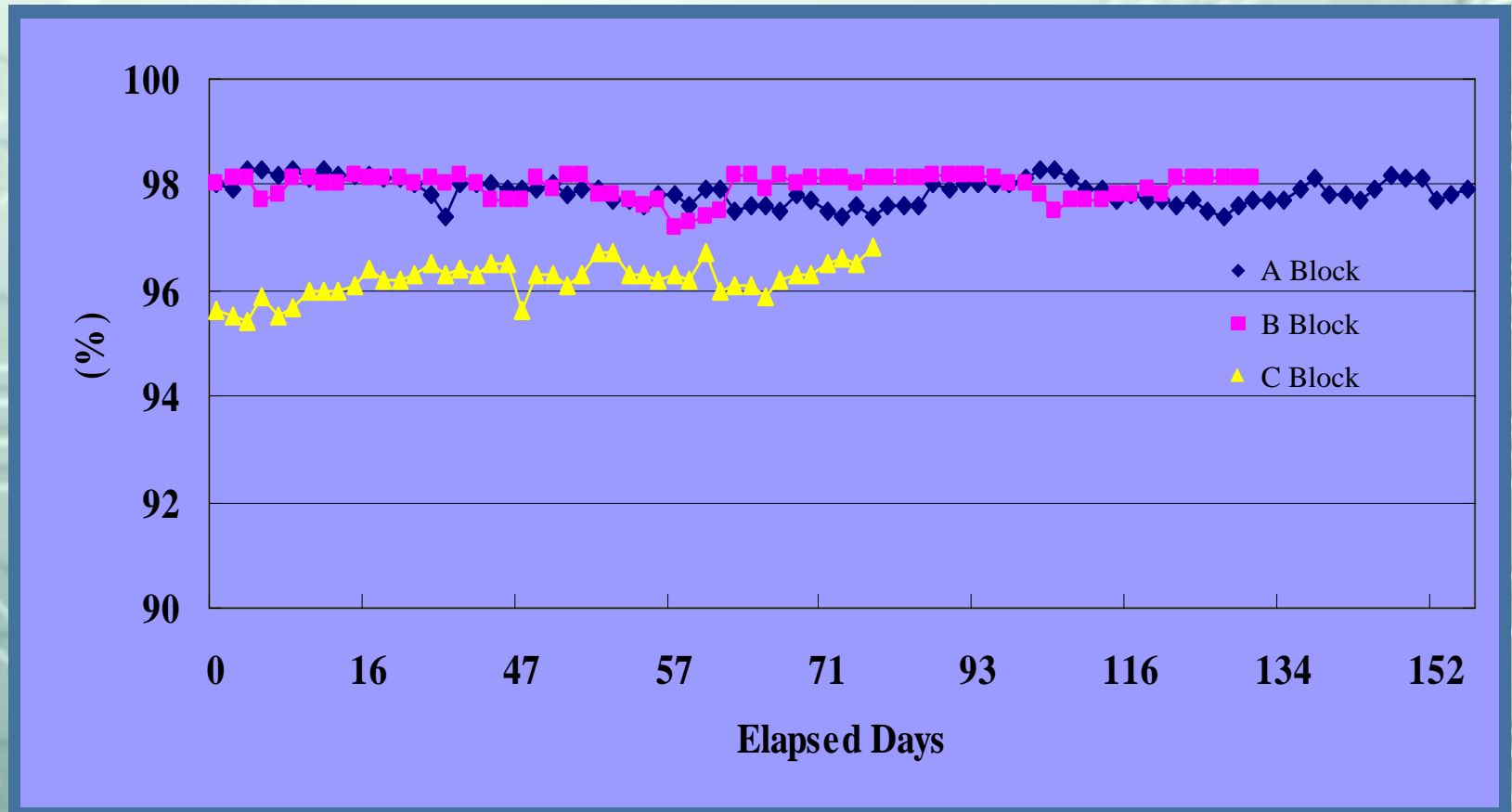
# Normalized Operating Data

## ❖ Normalized Permeate Flow



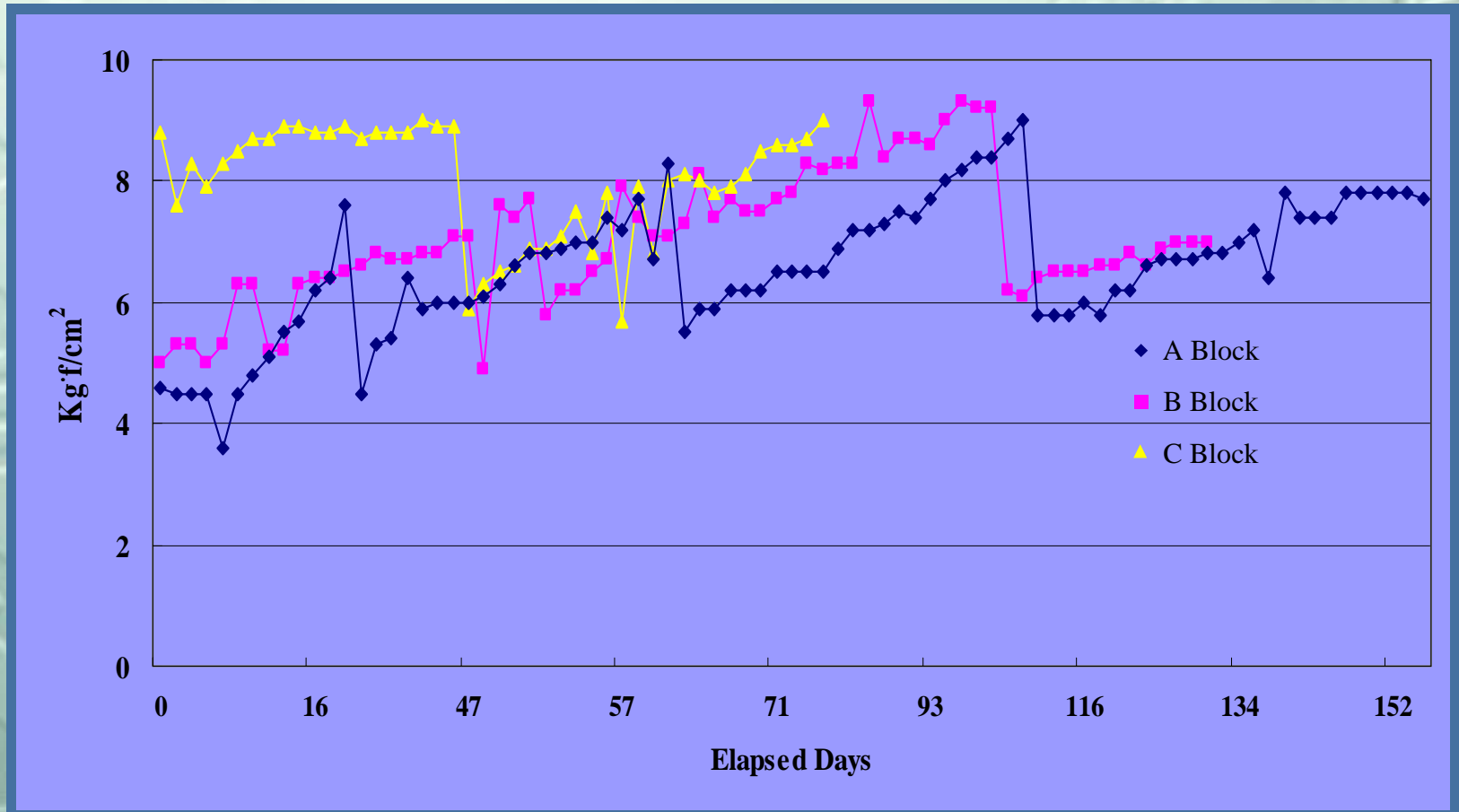
# Normalized Operating Data

## ❖ Normalized Salt Rejection



# Normalized Operating Data

## ❖ Differential Pressure



# Related Photos



# Related Photos

