

HJ

HJ 579-2010

2010 10 12
2011 1 1

1

2

3

3.1 membrane separation

3.2 membrane degradation

3.3 membrane fouling

3.4 membrane scaling

4

4.1

1

	NTU	SS mg/L	mg/L
PVDF	20	30	3
PE	30	50	3
PP	20	50	5
PAN	30	5µm	
PVC	200	30	8
PES	200	150	30

2

	NTU	SS mg/L	mg/L
PVDF	50	300	3
PP	30	100	5

3

4.2

4

5

5.1

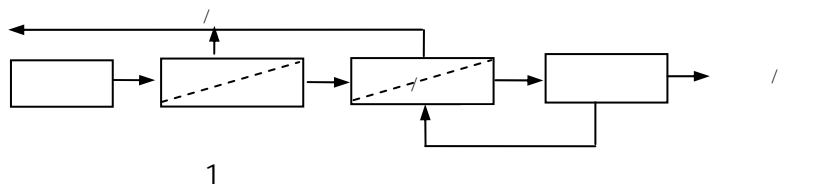
5.2

5.3

6

6.1

6.2



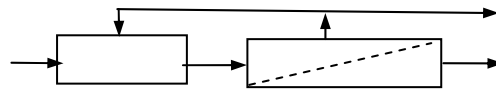
$$q_s = C_m \times S_m \times q_0 \text{ -----}$$

$$q_{st} = q_s \times (1 + 0.0215)^{t-25} \text{ -----}$$

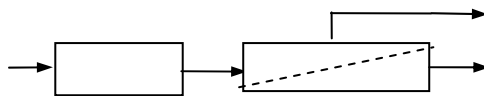
$$n = \frac{Q}{q_s} \text{ -----}$$

$$\frac{C}{C_0} = \left(\frac{V_0}{V}\right)^R \text{ -----}$$

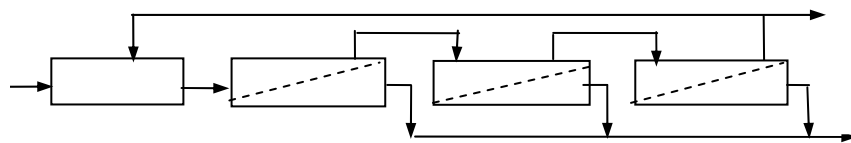
6.3



2

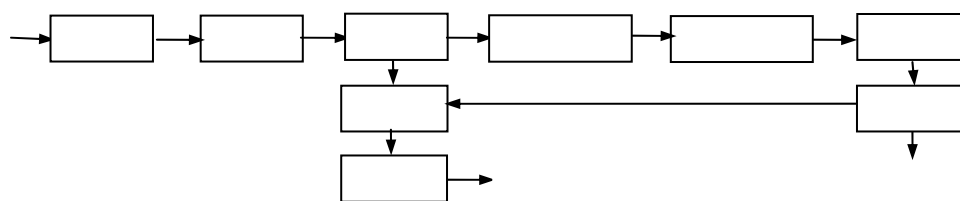


3



4

6 4



8

7

7

7.1

7.2

8

8 1

8 2

9

9.1

C

C 3

