

Experimental Studies on a Novel Sludge Thickening Apparatus Using a Filter Cloth

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3m
1.2)
3)

2.

Fig.1

SS

SS

SS

[%]

100² (

SS

[t/h]

SS

[t/TTf30.0101 Tc(SS)T012.06 0 TD0168 .653

Fig.2 An outline of cross section of the apparatus

3.

3.1

Table 2

2

A

B

15wt%

4%

20%

pH
pH 6.0

~
~
~
~
~
~
~
~
~
~
~

pH 6

15%

1m³

96%

50ml

Fig.9

Fig.11

SS

Fig.9 Fig.10

pH

B

B

Fig.7

A

Fig.8

B

SS

B

4.

~

100

B

4%

SS

Fig.12 Fig.13

Fig.14

~ SS

98%

Fig.13

0.2% 0.7%
4%

Fig.12

Fig.14

5.

~

(1) 500mmAq

(2)

(3)

(4)

(5)

(6)

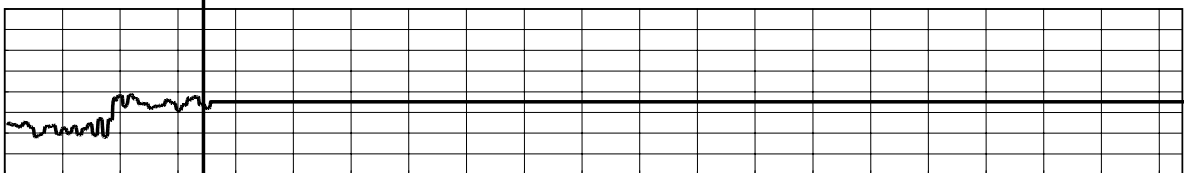


Fig.12 Changes of feed sludge solid concentration in 100-hour continuous operation

- 1) . 36
pp.737-739(1999).
- 2) . 37
pp.765-767(2000).
- 3) . 38
pp.683-985(2001).