

PTA

1

2015 5
PTA 2015 8
2018 11

2

16

4760 / 97% wt , 3% wt
(V-450) P-450A/B

P-450A/B V-450
PID V-8308, 600m3
4 /

,

()

3

8

1

20

4

5

6

6.1

$\hat{W}$