

1

“

”

2017

6

“

”

-

-

2017 93 34 37 3-4 2016 56
30% 10

1:1

1-2

6

10

2017

1.

1.1

1. OH HO₂ RO₂

0.04ppt

1ppt

NO₃

N₂O₅

ppt

100ppt

60s

2.

1nm 30nm
20nm

1

1.2

20min

100m

1.3

CO

1

2.

2.1

PM_{2.5}

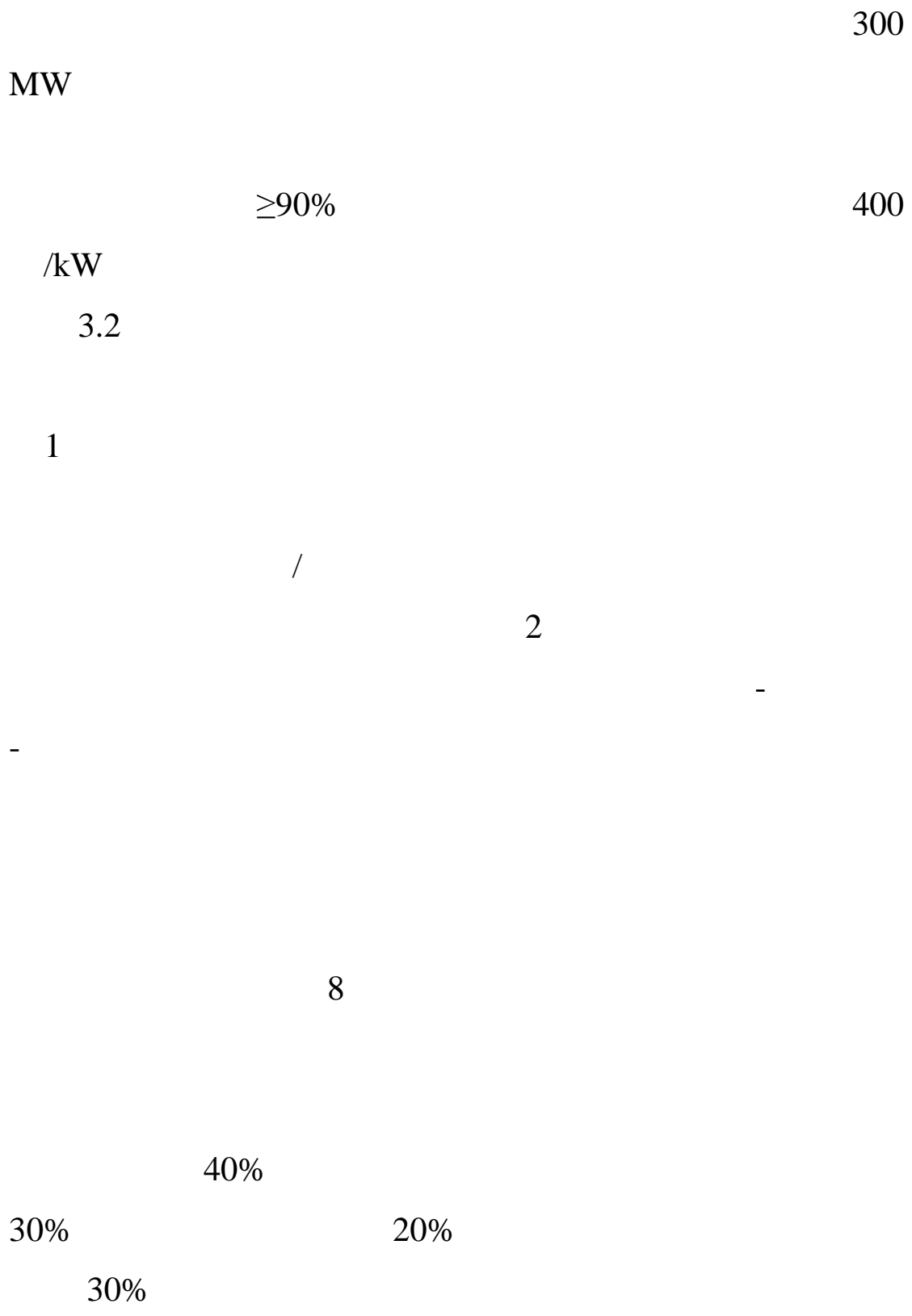
2.2

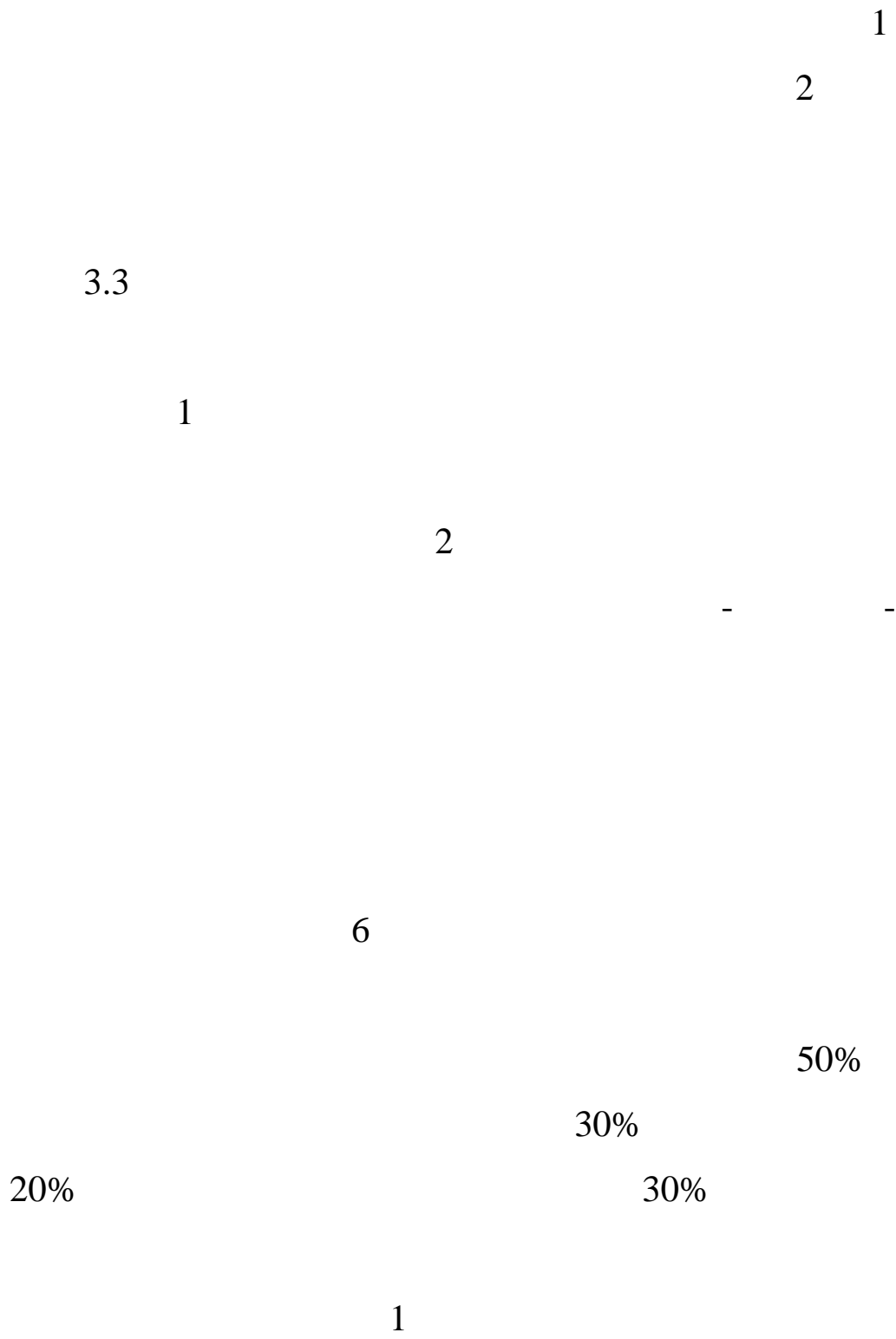
-

-

3.

3.1





3.4

2

30%

20%

30%

3.5

ORVR

TWC

GPF

OBD

PEMS

3.6

SCR

DPF CDPF

DOC POC AOC

OBD

PEMS

3.7

DOC SCR POC DPF CDPF TWC

1

3.8

40%

3.9

(VOCs) >85% >98%
≤65dB(A)

4.

4.1

4.2

-

-

4.3

2 10

PM2.5 15 /

5.

5.1

5.2

2

6-8

5.3

6.

6.1

-

1

1

6.2

-

-

PM_{2.5}

5