

ICS
Z



GB 13271-2014

GB 13271-2001

Emission standard of air pollutants for boiler

(发布稿)

2014-05-16

2014-07-01

	ii
1	1
2	1
3	1

1983

1991

1999

2001

—
—
—
—
—

2014 4 28

2014 7 1 10t/h

7MW

2015 10 1 10t/h

7MW

2016 7

1

GB13271-2001

2016 7 1

1

65t/h

2

GB 5468
GB/T 16157
HJ/T 42
HJ/T 43
HJ/T 56
HJ/T 57
HJ/T 373
HJ/T 397
HJ/T 398
HJ 543
HJ 629
HJ 692
HJ 693

28

39

3

3.1 boiler

3.2 in-use boiler

3.3 new boiler

3.4 organic fluid boiler

3.5 standard condition

273K

101 325Pa

"

"

3.6 stack height

3.7 O₂ content

3.8 key region

3.9 special limitation for air pollutants

4

4.1 10t/h 7MW 2015 9 30

GB13271-2001 10t/h 7MW

2016 6 30 GB13271-2001

4.2 10t/h 7MW 2015 10 1 1

10t/h 7MW 2016

7 1 1

1

mg/m³

	80	60	30	
	400 550 ⁽¹⁾	300	100	
	400	400	400	
	0.05	-	-	
	1			

(1)

4.3 2014 7 1 2

2

mg/m³

	50	30	20	
	300	200	50	
	300	250	200	
	0.05	-	-	
	1			

4.4 3

3

mg/m³

	30	30	20	
	200	100	50	
	200	200	150	
	0.05	-	-	
	1			

4.5 8 4

200m

3m

4

	MW	0.7	0.7~ 1.4	1.4~ 2.8	2.8~ 7	7~ 14	14
	t/h	1	1~ 2	2~ 4	4~ 10	10~ 20	20
	m	20	25	30	35	40	45

4.6

5

5.1

5.1.1

5.1.2

5.1.3

GB 5468

GB/T 16157 HJ/T 397

5.1.4 20t/h

$$\rho = \rho' \times \frac{21 - \varphi(O_2)}{21 - \varphi'(O_2)}$$

1

ρ mg/m³
 ρ' mg/m³
 $\varphi'(O_2)$
 $\varphi(O_2)$

6

6.1

6.2

