ICS 13.040.20
Z 50

GB 3095—2012
GB 3095 1996 GB 9137 88

Ambient air quality standards

2012-02-29 2016-01-01

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1982　1996　2000

2.5 μm　8
10 μm　[ ]

GB 3095　1996　GB 3095
1996　2000　1　GB 9137　88

1

2

GB 8971 [ ]
GB 9801
GB/T 15264
GB/T 15432
GB/T 15439 [ ]
HJ 479
HJ 482 -
HJ 483 -
HJ 504
HJ 539
HJ 590
HJ 618 PM_{10} $PM_{2.5}$
HJ 630
HJ/T 193
HJ/T 194

2007 4
2010 33

3

3.1

ambient air

3.2

total suspended particle TSP
100 μm

3.3

10 μm particulate matter PM_{10}

10 μm

3.4

2.5 μm particulate matter $PM_{2.5}$

2.5 μm

3.5

lead

3.6

[a] benzo[a]pyrene BaP

10 μm [ ]

3.7

fluoride

3.8

1 1-hour average

1

3.9

8 8-hour average

8 8

3.10

24 24-hour average

24

3.11

monthly average

3.12

quarterly average

3.13

annual mean

3.14

standard state

273 K 101.325 kPa

4

4.1

4.2

1

2

1

1	SO_2		20	60	μg/m^3
		24	50	150	
		1	150	500	
2	NO_2		40	40	
		24	80	80	
		1	200	200	
3	CO	24	4	4	mg/m^3
		1	10	10	
4	O_3	8	100	160	μg/m^3
		1	160	200	
5	10 μm		40	70	
		24	50	150	
6	2.5 μm		15	35	
		24	35	75	

2

1	TSP		80	200	μg/m^3
		24	120	300	
2	NO_x		50	50	
		24	100	100	
		1	250	250	
3	Pb		0.5	0.5	
			1	1	
4	[ ] BaP		0.001	0.001	
		24	0.002 5	0.002 5	

4.3 2016 1 1 1 2

4.4

5

5.1

1 2

5.2

HJ/T 193 HJ/T 194

5.3

3

3

1	SO_2	-	HJ 482	
		-	HJ 483	
2	NO_2		HJ 479	
3	CO		GB 9801	
4	O_3		HJ 504	
			HJ 590	
5	10 μm	PM_{10} $PM_{2.5}$	HJ 618	β
6	2.5 μm	PM_{10} $PM_{2.5}$	HJ 618	β
7	TSP		GB/T 15432	
8	NO_x		HJ 479	
9	Pb		HJ 539	
			GB/T 15264	
10	[ ] BaP	[*a*]	GB 8971	
		[ ]	GB/T 15439	

6

6.1

6.2 365 366

6.3 HJ 630

6.4 4

4

SO_2 NO_2 10 μm 2.5 μm NO_x		324 27 25
SO_2 NO_2 CO 10 μm 2.5 μm NO_x	24	20
O_3	8	8 6
SO_2 NO_2 CO O_3 NO_x	1	45
TSP [*a*] BaP Pb		60 5
Pb		15 5
TSP [*a*] BaP Pb	24	24

7

A

A.1

1	Cd		0.005	0.005	μg/m^3
2	Hg		0.05	0.05	
3	As		0.006	0.006	
4	Cr		0.000 025	0.000 025	
5	F	1	20	20	
		24	7	7	
			1.8	3.0	μg/ dm^2·d
			1.2	2.0	