

ICS 13 040 40
Z 60

DB44

DB 44/814-2010

Emission standard of volatile organic compounds for furniture
manufacturing operations

2010-10-22

2010-11-01

		II
		III
1		1
2		1
3		1
4		2
4.1		

()

2010 10 22 2010 10 22

1

2

16157
16297
18581
1
55

3

3.1

250

3.2

[16297-1996, 3.1]
3.3

1 h

1 h
[16297-1996, 3.2]
3.4

1 h
[16297-1996, 3.3]
3.5

3.6

55

1 h

3.7

3.8

3.9

[16297-1996, 3.10]

4

4.1

4.1.1 2010 11 1
2010 11 1

4.1.2 2012 12 31
2013 1 1

4.1.3

4.2

1

1

	mg/m ³		kg/h	
	1	1	0.4	0.4
	40	20	1.2 ^a	1.0
	60	30	3.6	2.9
^a	1.0			

4.3

2

2

0.1	0.6	0.2	2.0

4.4

A

4.5

4.5.1	15	15	1
	50%	B	
4.5.2	4.5.1	200	5
		1	50%
4.5.3			15
4.5.4			

C

5

5.1

5.1.1		16157	
5.1.2		55	
5.2			
5.2.1		1	
	16157		
5.2.2		1 h	1
	1	3	
5.2.3		1 h	
5.2.4		1	3
5.2.5	3		

3

1			D
2			
3			
4			
a			

5.3

5.3.1

6

A

A.1

GB 18581

A.2

A.3

A.4

B

15

$$Q=Q_c(h \quad)$$

Q——
Q_c——
h——

C

C.1 1 2

C.2

C.2.1

C1

$$Q = Q_1 + Q_2 \dots\dots\dots ()$$

C.2.2 $\begin{matrix} Q \\ Q_1 \end{matrix} \begin{matrix} Q_2 \end{matrix} \begin{matrix} 1 \\ C2 \end{matrix} \begin{matrix} 2 \end{matrix}$

$$h = \sqrt{-h_1 + h_2} \dots\dots\dots ()$$

C.2.3 $\begin{matrix} h \\ h_1 \end{matrix} \begin{matrix} h_2 \end{matrix} \begin{matrix} 1 \\ 1 \end{matrix} \begin{matrix} 2 \end{matrix} \begin{matrix} 1 \end{matrix}$

C3

$$x = a Q_1 - Q_2 \quad Q_1 = a Q_2 \quad Q \dots\dots\dots ()$$

$\begin{matrix} x \\ a \end{matrix} \begin{matrix} 1 \\ 2 \end{matrix}$
 $\begin{matrix} Q \\ Q_1 \end{matrix} \begin{matrix} Q_2 \end{matrix} \begin{matrix} 1 \\ C.2.1 \end{matrix}$

D

D.1

D.2

D.2.1

1

2

3

2006

E

()

D.2.2

D.2.2.1

1)

2)

D.2.2.2

D.1

D.2.2.3

D.3

D.1

1		a
2		
3		
4		
a		

D.2.3

80%

D.2

D.2

D.3

D.3.1

0.01mg/m³

D.3.2

D.3.2.1

16157

D.3.2.2

D.3.2.3

/

D.3.2.4

a)

b)

c)

2 3%

D.3.3

/

a)

b)

c)

D.3.4

D.3.4.1

D.3.4.2

16157-1996

D.4.6

D.4

D.4.1

FID,ECD MSD

D.4.2

D.4.2.1

D.4.2.2

D.4.2.3

D.4.3

D.4.3.1

D.4.3.2

D.4.3.3

D.4.3.4

0 0.5

D.4.3.5

D.4.3.6

16157 9.3.5

D.4.3.7

D.4.3.8

D.4.4

D.4.4.1

$$R=\frac{t-u\times V_s}{S}\dots\dots\dots$$

R——
t——
u——
Vs——
S——

μ

D.4.6.2
D.4.6.2.1

- [1] .[] .2003.
[2] .
