HJ

中华人民共和国国家环境保护标准

HJ 1065 2019

Technical specification for application and issuance of pollutant permit

Leather and fur making industry—Fur making industry

2019-12-10 2019-12-10

2016 81

48

A D

2019 12 10

2019 12 10

1

GB 13271

HJ 953

HJ 942

2

GB 13271
GB 14554
GB 16297
GB 18597
GB 18599
GB 30486
HJ/T 91
HJ/T 355
HJ/T 356
HJ 521
HJ 608
HJ 942
HJ 944
HJ 946
HJ 953

2018 22

48

1996 470

2008 6

2013 14

2016 1087

2018

9

3

3.1

fur making

3.2

pollutant emission unit of fur dressing and dyeing industry

3.3

hides and skins

3.4

chromium-containing wastewater

3.5

permitted emission limits

3.6

special periods

4

4. 1

“

”

4. 2

t/a

t/a t/a t/a kg/a

“

C193 ” “ C1931 ”

4. 3

4. 3. 1

4.3.2 4.3.6 4.3.7

4. 3. 2

1

2

1

					/	m^3
						r/min
						r/min
					/	m^3
					/	m^3
					/	m^3
					/	m^3
						r/min
					/	m^3
					/	m^3
					/	m^3
					/	m^3
						r/min
						mL/min
						m/sec
						m/sec
						m/sec

2

			m^2 / m^3
			m^2
			m^2
			m^3/ d
			m^2

4. 3. 3

HJ 608

4. 3. 4

4. 3. 5

/a

4. 3. 6

4. 3. 7

4. 4

4. 4. 1

4.4.2 4.4.5

4.4.6

4. 4. 2

PAM

PAC

4. 4. 3

/a t/a

4. 4. 4

4. 4. 5

4. 4. 6

4.5

4.5.1

4.5.2

4.5.2.1

4.5.2.2

4.5.2.3

GB 30486

4.5.2.4

HJ 608

4.5.2.5

SBR A/O AAO

/

4.5.2.6

6 “ ”

4.5.2.7

HJ

521

4. 5. 2. 8

4. 5. 2. 9

ŏ — ŷ

4. 5. 2. 10

HJ 608

“ YS+ ”

3

							GB 30486
a	pH BOD_5 COD_{Cr}			SBR A/O AAO /	□ □ “ 6 ”		GB 30486
a							

4.5.3

4.5.3.1

GB 16297 GB 14554

4.5.3.2

HJ 608

4.5.3.3

4.5.3.4

6 “ ”

4.5.3.5

HJ 608

4.5.3.6

4.5.3.7

4

4

		/				/
					□	
a		/		/	□	/
					“ 6	
b						
		/				/
c		/		/		/
a b c						HJ946

4. 6

4. 7

“ ”

5

5. 1

5. 1. 1

5. 1. 2

5. 2

5. 2. 1

12

5.2.3

2015 1 1

5. 2. 2

5. 2. 2. 1

GB 30486

5. 2. 2. 2

GB 14554 GB 16297

5. 2. 3

5. 2. 3. 1

a)

1

$$D=S\times Q\times C\times 10^{-9} \qquad (1)$$

D — t/a

S — /a 5

Q —

6 7 L/

C — mg/L

b)

2

$$D=C\times\sum_{i=1}^{n}\left(S_{i}\times Q_{i}\right)\times 10^{-9} \qquad (2)$$

D — t/a

C — mg/L

S_i — /a

5

Q_i —

6

7 L/

n —

5 kg

	1	
	0.45	0.3
	2.2	1.3
	2	1.2
	0.35	0.21
[a]	6.5	4.1
[b]	2	1.2
60cm × 120cm	—	1
60cm×120cm	—	1.4
[a] 0.6m^2		
[b] 0.6m^2		

6 L/

	-	-	-
	24	15	9
	115	75	40

6

6. 1

6. 2

6. 2. 1

A A.1

6. 2. 2

8

6.4

GB 18597 GB 18599

a

b

c

d

e

6.5

a HJ 942

b

1

2

3

7

HJ 946

8

8.1

8.1.1

8. 1. 2

8. 1. 2. 1

B B.1

8. 1. 2. 2

B B.2

8. 1. 2. 3

B B.3

8. 1. 2. 4

ů

B B.3

8.1.2.7

B B.3

8.1.2.8

7 “ ”

B B.4

8.1.2.9

8.1.3

8.1.3.1

1 /

8.1.3.2

a

1 1 /

2 1 /

3 1 /

1 / 1 1 /

4 1 /

b

1 /

8.1.3.3

a

1 1 /

2 1 /

b

1 /

8.1.3.4

7 “ ”

8.1.3.5

8.1.4

8.1.4.1

8.1.4.2

8.2

8.2.1

8.2.1.1

8.2.1.2

8.2.2

HJ 944

8.2.3

8.2.3.1

a

b

c

d

e

f

g

h

i

j

k

HJ 944 C HJ 944 D

HJ 944 5.3.1 C

8.2.3.2

9

9.1

9. 2

9. 2. 1

9. 2. 1. 1

9. 2. 1. 2

3

$$E = \sum_{i=1}^{n} (C_i \times Q_i) \times 10^{-6} \quad (3)$$

E — t

C_i — i mg/L

Q_i — i m^3/d

n — d

HJ/T 356

9. 2. 1. 3

4

$$E = C \times Q \times 10^{-6} \quad (4)$$

E — t

C — mg/L

Q — m^3

9.2.1.4

5

$$E = \sum_{i=1}^{n} (S_i \times G_i) \quad (5)$$

E — t

S_i — i

G_i — i t/

D D.1 D.3

n —

9.2.2

5

9.2.3

6

$$E = E + E \quad (6)$$

10

10.1

10. 2

10. 2. 1

pH

10. 2. 1. 1

HJ/T 91

10. 2. 1. 2

a)

HJ/T 355 HJ/T 356

b)

pH

10. 2. 2

a)

b)

c)

10. 3

10. 3. 1

“ ”

“ 45 3 4

” 1

“ 2 4

”

10. 3. 2

10. 3. 3

a

b

10.4

A

A A.1 A.2 2

A.1

A.2

A.1

	pH	SBR A/O AAO /

A.2

B

A B.1 B.4 4

B.1

B.2

B.3

B.4

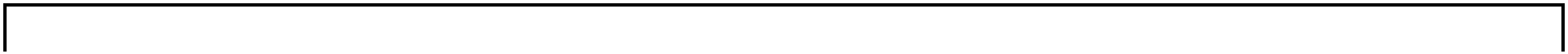
B. 1

B. 2

		/ /a,		a	/ t/a		/ /a,	/ m^3/a	/ m^3/a
						□ □ □ □ □ □ □ □ _____			
a _____ _____									
		b	c	/%		/ /d	/ /d	d	/kg

□ □ □ □ □

□ □ □ □ □ □ □ __



e

B. 3

		/ m^3/d						
					□ □	□ □	□ □ □ □ _____	□ □ □ □ _____
					□ □	□ □ □ □ □ _____		

			/ m^3/d	/ m^3/d	/ m^3/d	/ m^3/h	a	/ mg/L	/%	/ t/d	/%		b	/ kg/d	/ kW ł h

a

b

		[c]	/ m^3/h		/ mg/Nm^3	/t	[d]	

C

C C

C. 1

					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
1					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
					□ □	
			„ „	„ „	□ □	
					□ □	
					□ □	
					□ □	
					□ □	
			„ „	„ „	□ □	
					□ □	
2					□ □	
					□ □	
			„ „	„ „	□ □	

/a m^3/a

1

3

4 5	9

C.2

				h m^3	

1
2

C.3

				mg/L	mg/L				%					
	〃	〃		〃								〃		
〃	〃	〃		〃								〃		
				mg/Nm³	mg/Nm³				%					

C.4

		/t	/t	/ / /

C.5

				mg/L	□ □
				mg/m^3	□ □ ____

C.6

		t	/t	t	t				
							□ □ □		

C.7

C.8

1			□ □	
2			□ □	
3			□ □	
” ”	” ”	” ”	” ”	
“ ”				

D

D D.1 D.3 3

D.1

D.2

D.3

D.1

				m^3/	266.6667
				t /	0.5333
				t /	0.0213
				t /	0.0427
				m^3/	16.6667
				t /	0.0083
				m^3/	1277.7778
				t /	2.5556
				t /	0.1022
				t /	0.2044
				m^3/	44.4444
				t /	0.0222
				m^3/	666.6667
				t /	1.3333
				t /	0.0533
				t /	0.1067
				m^3/	27.7778
				t /	0.0139
				m^3/	111.1111
				t /	0.2222
				t /	0.0089
				t /	0.0178
				m^3/	7.7778
				t /	0.0039
				m^3/	4444.4444
				t /	8.8889
				t /	0.3556
				t /	0.7111
				m^3/	644.4444
				t /	1.0311

				m^3/	1111.1111
				t /	2.2222
				t /	0.0889
				t /	0.1778
				m^3/	171.1111
				t /	0.2738

D.2

				m^3/	166.6667
				t /	0.3833
				t /	0.0167
				t /	0.0333
				m^3/	833.3333
				t /	1.9167
				t /	0.0833
				t /	0.1667
				m^3/	400.0000
				t /	0.9200
				t /	0.0400
				t /	0.0800
				m^3/	72.2222
				t /	0.1661
				t /	0.0072
				t /	0.0144
				m^3/	2666.6667
				t /	6.1333
				t /	0.2667
				t /	0.5333
				m^3/	277.7778
				t /	0.6111
				m^3/	666.6667
				t /	1.5333
				t /	0.0667
				t /	0.1333
				m^3/	73.3333
				t /	0.1613

D.3

				m^3/	100.0000
				t /	0.1800
				t /	0.0040
				t /	0.0086
				m^3/	16.6667
				t /	0.0083
				m^3/	444.4444
				t /	0.8000
				t /	0.0178
				t /	0.0378
				m^3/	44.4444
				t /	0.0222
				m^3/	266.6667
				t /	0.4800
				t /	0.0107
				t /	0.0227
				m^3/	27.7778
				t /	0.0139
				m^3/	38.8889
				t /	0.0700
				t /	0.0016
				t /	0.0033
				m^3/	7.7778
				t /	0.0039
				m^3/	1777.7778
				t /	3.2000
				t /	0.0711
				t /	0.1511
				m^3/	366.6667
				t /	0.4400
				m^3/	444.4444
				t /	0.8000
				t /	0.0178
				t /	0.0378
				m^3/	97.7778
				t /	0.1173

				m^3/	266.6667
				t /	0.4800
				t /	0.0107
				t /	0.0227
				m^3/	55.5556
				t /	0.0278
				m^3/	466.6667
				t /	0.8400
				t /	0.0187
				t /	0.0397
				m^3/	100.0000
				t /	0.1200