..... - 1 -
1.1 ..... - -
1.2 ..... - 1 -
1.2.1 ..... - 1 -
1.2.2 ..... - 1 -
1.2.3 ..... - 2 -
1.3 ..... - 2 -
1.4 ..... - 2 -
..... - 4 -
2.1 ..... - 4 -
2.2 ..... !
2.2.1 ..... !
2.2.2 ..... !
2.2.3 ..... !
2.2.4 ..... !
2.2.5 ..... !
2.2.6 ..... !

6.3 ..... - 18 -
6.4 ..... - 19 -
6.5 ..... - 19 -
6.5.1 ..... - 19 -
6.5.2 ..... - 19 -
6.5.3 ..... - 20 -
..... - 28 -
7.1 ..... - 21 -
7.2 ..... - 22 -
7.3 ..... - 22 -
7.3.1 ..... - 22 -
7.3.1.1 ..... - 22 -
7.3.3 ..... - 26 -
7.3.3.1 ..... - 26 -
7.3.3.4 ..... - 27 -
7.3.3.5 ..... - 27 -
..... - 28 -
8.1 ..... - 28 -
8.1.1 ..... - 28 -
8.1.2 ..... - 28 -
8.1.3 ..... - 28 -
8.1.4 ..... - 29 -
8.2.1 ..... - 29 -
8.2.3 ..... - 29 -
8.4.1 ..... - 30 -
8.2.3 ..... 8.4.2 30

1.1

7 1996 10 29 1997
3 1

8 2002 6 29 2002 11
1

9 1 2008
8 1

10 2002 1 9 2002 3 15

1.2.3

1 GB3095-1996

2 GB3838-2002

3

4 GB4915-2004

5

6

7 HJ434-2008

1.3

1.4

(1)

(2)

(3)

(4)

(5)

2.1

50%

1999 10

5#

4500cm^2/g ≤0.5% BMH

100 2000 6 2002 4

2002 9 2002 12

100 9222.27

905.86 10.18% 650

15 3 4.5

2005

2.2

48#

1500m

6km 1km

4hm^2 115

2.3

2.1

2.4

1

5#

2. 1

1	100 /		CK260	2	45t/h
2			Φ2.2×3m	1	5-6 t/h
3		BMH	KM3000D	1	200 t/h
4			BGII-4JY	2	60 t/h

2

3

4

32.5 42.5

5

3

80%

20%

6

2.5

1

99.83%

32

99%

2

3

3.1

,

1.

2.

3.

3.2.3

3.2.4

3.2.5

3.2.6

3.2.7

3.3

1

2

3

4

5

6

7

8

4.1

(1)

(2)

(3)

(4)

(5)

4.2

4.2.1

5.1

(1)

10 100

5

1

(2)

3 10 50 100

1 5

2000 1

(3)

3 10 50

5000 1

500 2000

(4)

5.2

5-1

1

2

1

2

6.2

6.2.1

1

2

3

6.2.2

1

86528649

`Y `
8852
9866
9712
8766
8521
9200
8733
8547
8829

7.1

:

7-1

7-1

1			2	
2			30	
3			9	
4			10	
			15	
			30	1
			8	
			10	
			14	
			20	
			60	
			143	
		CO2	2	
			2	
5			10	

			25	
6			2	
			20	
			20	
			5	

7.2

1

2

3

4

5

7.3

7.3.1

7.3.1.1

7.3.1.2

7.3.1.2.1

1 2 3 4

1 2 3

7.3.1.3

1

2 “ ”

“ ”

3

4

7.3.1.4

1

2

3

4

7 3 2

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7-2

7-2

		8min	53.46kg/30s
		10s	17.82kg/10s

1)

CO

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8.1

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2

3

4

5

6

8.1.1

8.1.2

8.1.3

8.1.4

8.2

8.2.1

8.2.2

8.4

8.4.1

( )

8.4.2

“ ”

“ ”

8.7

“ ”

“ ”

9.1

9.2

9.3

10.1

10.2

11.1

11.2

11.3

1

2

3

4

5

1

2

3

4

5

6

7

8

9

11.4

15

11.5

1

2

3

4

5

6

7

8

15

11.6

11.7

1

2

11.8

11.8.1

1

2

3

4

11.8.2

12.1

1

2

24

24

3

4

12.2

12.3

1

2

3

12.4

12.5

12.5.1

12.5.2

12.5.3

12.5.4

1 1

13.1

1

2

3

4

13.2

13.2.1

13-1

1			

2			

3

9			
10			
11			

12

13.2.4.2