

(污染影响类)

称： 产 2 吨 材 产
单 ()：
编： 2022 7

中华人民共和国生态环境部制

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2016 11

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2015-2030

	2		
	2204-320831-89-05-378265		
			18915195168
	/		
	388		
	<u>119</u>	<u>58</u>	<u>55.920</u> <u>33</u> <u>0</u> <u>34.680</u>
	292		29 292-10
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
/		/	2022 304
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	<input checked="" type="checkbox"/> <input type="checkbox"/>	2	20000
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2012

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2018 74

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2020

2.5

95%

3095-2012

2020

2020

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/ 14848-2017

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36600-2018

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1	2019	
2	2012 2013	
3	2015	
4	2018 32	
5	2012 2012	
6	(2013) (2013)	
7	2020	

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2020

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2020

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2020 1

1.	2018 33	
	2018 113	
	2017 26	
	2017 86	
	2016 95	
2.		

		<p>2016 37 2018-2020</p> <p>2018 6</p> <p>3....</p> <p>4....</p> <p>5.</p> <p>2020 94</p> <p>.....</p>	
		<p>1. ... 2020</p> <p>5.91 / 0.77 / 1.50 / 0.155 /</p> <p>3.57 / 4.72 / 7.92 /</p> <p>2. ...</p>	
		<p>1.</p> <p>2017 93</p> <p>2010 173</p> <p>2016 159</p> <p>2....</p> <p>3....</p>	
		<p>1. ... 2020</p> <p>33.33</p> <p>79</p> <p>10.3</p> <p>0.610</p> <p>2. ... 2020</p> <p>3952.3</p> <p>3. ... 2020</p>	

		47.6027	
4.	39.4699		18%
	2016	55	... 2020
		65%	
5.	10%	...	
6.		...	

2020 16

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	2			3 22-201
	1-			3 22-201
	1	10.1.2		
	2	10.3.1 16297		31572-2015 32/4041-2021
	3	11.1 16297		32/4041-2021 3 32/4041-2021 2
	4	12.1 819		1122-2020
		1-8		
		37822-2019		

	10%				
	10000				
	2003				
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	330	24	7920

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			2
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	/	/ 1	1235 ² 5820 ²
		1	1032 ² 4120 ²

				$3*100^2$
				400^2
				15000^2
			$80 /$	
			$1 / + 2$	
				500^2
				100^2
			500^3	
				8.5%
1				
			$14200 /$	
				$400 \quad 0.2$
2				
			$3560^3 /$	
18918-2002				
3				
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/				
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5				
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		/	8	7920

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		-100	1	
	5	5-14.2 5	4	
		650	1	
		530	1	
		500	1	
		300	1	
		238	1	
		180	2	
		140	1	
		-220	3	
		268	1	
		468	1	
		-400	1	
	()	488 2 70.00	1	
		2 /	1	
		148-	1	
		168-	2	
		538-	1	

268-	1
368-	1
360 /	1
-600	2
900/260	1
1600/60	

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		7750	4
		380 /750	2
		2 -450	2
		6528	2
		3050*16	1
		7763	1
		3003	1
		-250	1
		-5	1
		- 9	2
		7780	2
		540	2
		-1000	1
		600 - 1	1
		-10	2
		850	1
		-300	1
		-250	1
		7740	2
		5	6
		-303	1
		380 /0.75	2
		5 /6.3-2.5 5-6.3 5	1
			1
		7780	1
		-510	1
		-90	1
		-2525	2
		-32	1

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		17955	600		
		2165	100		
		8	1		
		0.5	0.1		

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250

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0.89 0.91 / 3 189 155
-30 140 80

8 / 1 5
210 220 30 2

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180 120000 ²

10200 8.5%

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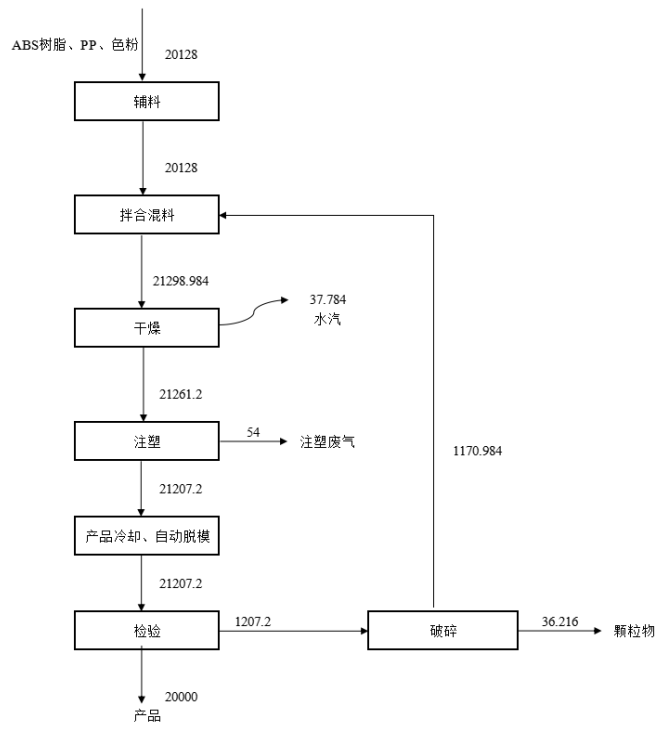
3

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			2	2	
1		1	35397	35397	
2		1	4870	4870	
3		2	860	1720	
4		2	2720	10880	
5		2	2720	10880	
6		1	2720	2720	
7		6	5820	34920	
9		2	5085	10170	

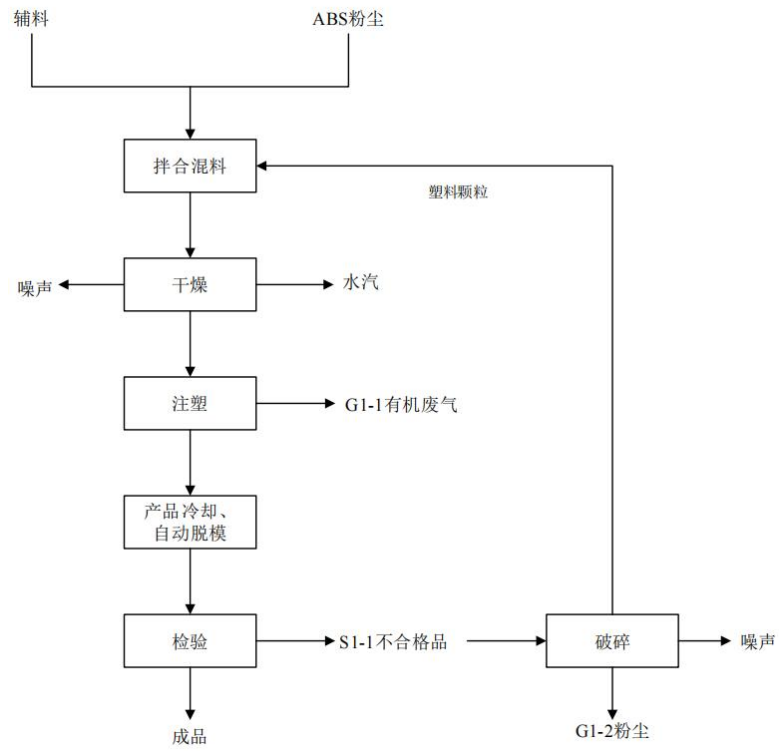
3. -11

	/	%		/	%
	17955	89.2		20000	99.36
	2165	10.76		37.784	0.19
	8	0.04		54	0.27
				36.216	0.18
	20128	100		20128	100



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0.2%

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140-160

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2020

2020

307

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2.5 95%

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2020

		/	/	
2		11	60	
	98%	23	150	
2		20	40	
	98%	49	80	
10		58	70	
	95%	124	150	
2.5		34	35	
	95%	91	75	
	95%	1300	4000	
3	90% 8	156	160	

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221 740869

2021 8 27 9 2

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1			4050			
2			40			
3			2430			
4			1870			

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2021 8 27 9 2 7

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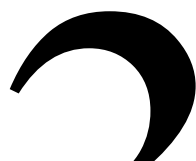
		()	()		(/)
2021-08-27	02:00-03:00	101.3	22.3		2.2
	08:00-09:00	101.1	24.7		2.3
	14:00-15:00	101.0	26.6		2.2
	20:00-21:00	101.1	25.1		2.2
2021-08-28	02:00-03:00	101.2	23.7		2.3
	08:00-09:00	101.0	26.1		2.4
	14:00-15:00	100.8	28.2		2.3
	20:00-21:00	101.0	26.7		2.4
2021-08-29	02:00-03:00	101.5	24.3		2.3
	08:00-09:00	101.2	26.7		2.4
	14:00-15:00	100.8	28.8		2.4
	20:00-21:00	101.1	27.1		2.2
2021-08-30	02:00-03:00	101.2	24.3		2.2
	08:00-09:00	101.0	27.2		2.4
	14:00-15:00	100.5	30.5		2.4
	20:00-21:00	101.0	26.8		2.3
2021-09-31	02:00-03:00	101.1	25.8		2.2
	08:00-09:00	100.9	27.2		2.2
	14:00-15:00	100.6	29.4		2.3
	20:00-21:00	100.9	26.9		2.2

	02:00-03:00	101.0	24.1	2.4
2021-09-01	08:00-09:00	100.7	25.7	2.5
	14:00-15:00	100.2	29.2	2.4
	20:00-21:00	100.9	24.6	2.3
	02:00-03:00	101.0	20.2	2.4
2021-09-02	08:00-09:00	100.6	24.2	2.3
	14:00-15:00	100.3	27.1	2.3
	20:00-21:00	100.8	21.8	2.2
	02:00-03:00	101.3	22.3	2.2
2021-08-27	08:00-09:00	101.1	24.7	2.3
	14:00-15:00	101.0	26.6	2.2
	20:00-21:00	101.1	25.1	2.2

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		1	2	3	4	
		1.43	1.37	1.14	1.64	
/ 3		0.45	0.51	0.48	0.59	2 / 3
		0.72	0.69	0.57	0.82	
		0	0	0	0	
/ 3						0.3 / 3

0.005 / 3

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		1	2	3	4	
		0.106	0.108	0.115	0.112	
/ 3		0.094	0.097	0.096	0.094	0.3 / 3
		0.353	0.360	0.383	0.373	
		0	0	0	0	

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		1	2	3	4	
		0.0233	0.0276	0.031	0.0193	
/ 3		0.0104	0.0054	0.0018	0.0092	0.6 / 3
		0.039	0.046	0.052	0.032	
		0	0	0	0	

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5		2	7.9	5.72	9	3	18	3.7	0.125	0.19	0.37	0.043
		4	7.8	5.52	7	2.6	12	3.2	0.078	0.09	0.32	<0.016
		2	7.88	5.62	7.8	2.8	13	3.4	0.103	0.13	0.349	0.043
		/	0.44	0.562	0.13	0.277	0.444	0.569	0.068	0.417	0.233	0.043
	%	/	0	0	0	0	0	0	0	0	0	0
6		8	7.9	5.66	15	3.8	18	3.8	0.113	0.15	0.41	0.095
		8	7.8	5.28	12	3.3	12	3.1	0.075	0.08	0.34	0.027
		8	7.85	5.41	13.7	3.6	15	3.5	0.095	0.11	0.372	0.046
		/	0.425	0.597	0.23	0.36	0.506	0.575	0.063	0.367	0.248	/
	1000	%	/	0	0	0	0	0	0	0	0	/
7		8	7.9	5.67	18	4.9	19	3.8	0.107	0.18	0.4	0.186
		8	7.8	5.26	14	3.5	13	3.2	0.075	0.11	0.34	0.096
		8	7.85	5.47	15.8	4	16	3.5	0.09	0.14	0.353	0.145
		/	0.425	0.586	0.26	0.4	0.539	0.583	0.06	0.472	0.235	/
		%	/	0	0	0	0	0	0	0	0	/
		/	6 9	3	60	10	30	6	1.5	0.3	1.5	/
5		700	0.0022	0.00455	0.00854	0.0745	0.00285	0.00021	<0.0000 9	0.0009 6	4.39	0.036
		70	0.0012	0.00372	0.00386	0.0649	0.0017	0.00014	<0.0000 9	0.0002 9	3.43	<0.006
		452	0.0015	0.00402	0.0055	0.0706	0.00247	0.00016	/	0.0005 7	3.9	/

		0.02	0.015	0.004	0.0027	0.1008	0.1233	/	/	/	/	/
	%	0	0	0	0	0	0	/	/	/	/	/
6		16000	0.0031	0.00361	0.00366	0.088	0.00155	0.00018	0.00018	0.0004	3.93	0.054
		3500	0.0023	0.00188	0.00114	0.0634	0.00082	0.00009	<0.00009	<0.00011	3.29	<0.006
		12150	0.0028	0.00243	0.0022	0.0762	0.00114	0.00013	0.00016	/	3.6	/
1000		0.61	0.028	0.0024	0.0011	0.1088	0.0571	/	0.0031	/	/	/
	%	0	0	0	0	0	0	/	0	/	/	/
7		16000	0.0043	0.00257	0.00336	0.0836	0.00503	0.00017	<0.00009	0.00057	3.71	0.067
		5400	0.0027	0.00059	0.0007	0.0595	0.00055	<0.00008	<0.00009	<0.00011	3.3	<0.006
		14233	0.0034	0.0018	0.0016	0.0705	0.00199	/	/	/	3.53	/
		0.71	0.034	0.0018	0.0008	0.1006	0.0994	/	/	/	/	/
	%	0	0	0	0	0	0	/	/	/	/	/
		20000	0.1	1	2	0.7	0.02	/	0.05	/	/	/

0.06 / 0.004 / 0.0003 / 0.01 / 0.005 / 0.004 / 0.000053 / 0.000043
 / 200 / 0.00008 / 0.00009 / 0.00011 /

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	8.1		8.1		7.9	
	77.2	/	59.7	/	48.1	/
	2.80	/	2.38	/	11.4	/
	21.9	/	27.3	/	24.6	/
	112	/	143	/	105	/
		/		/		/
	486	/	510	/	524	/
	79.5		75.5		76.5	
	84.8		86.8		81.5	
	0.249		0.306		0.598	
	758		624		660	
	0.198		0.232		0.238	
	0.0050		0.0056		0.0056	
	0.00028		0.00171		0.00290	
	0.194		0.00981		0.00820	
	0.00244		0.00060		0.00106	

	0.00060		0.00076		0.00106
	271		252		213
	17.2		16.2		17.0
	3.0		2.6		1.6
	0.58		0.57		0.60
	9.8 10 ²		8.8 10 ²		8.2 10 ²
	23		48		21

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1					/	7.52		7.61		7.81	
2					60	9.01		8.24		8.57	
3					65	0.13		0.18		0.06	
4					5.7						
5					18000	27		31		24	
6					800	10.1		10.4		12.8	
7					38	0.040		0.734		0.066	
8					900	32		36		28	
9				10- 40	4500	17		17		13	
10					/						
11					/						
/						1.5		1.3		(
)1.1	1,1-	1.2	1,2-	1.3	1,1-	1.0	-1,2-	1.3			
-1,2-	1.4	1.5	1,2-	1.1	1,1,1,2-	1.2	1,1,2,2-	1.2	1,1,2,2-		
	1.2	1.4	1,1,1-	1.3	1,1,2-	1.2		1.2	1,2,3-		
	1.2	1.0	1.9	1.2	1,4-	1.5	1,2-	1.5	1.2		
	1.1	1.3	/	1.2	1.2	1.0					
	/		0.09	2-	0.06		0.1			0.1	
	0.2		0.1	0.1		,	0.1		1,2,3-		
0.1	0.09	0.1									
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						3-11					
3-11											
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								()			
	686153	36535				1360		460		3095-2012	
	.094	42.47									
						50					
						500					

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	1	20	0.5

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	/ ³			
	6	1		
	20			32/4041-2021

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	6-9	200	340	30	6.5
	6-9	10	50	5 8	0.5

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	12348-2008 3		3-15	
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	3	65	55	()
	12348-2008			
	4			
	34330-2017			
	5085.7-2019			
	18599-2020			
	18597-2001			
	2025-2012			
	15562.2-1995			
	2019 327			
	3-16			
	3-1			
	/			
			3560	0
			3560	3560
			0.248	0
			0.248	0.178
			0.366	0
			0.366	0.036
			0.0014	0
			0.0014	0.0014
			0.0014	0.0014
			0.0003	0
			0.0003	0.0003
			0.0003	0.0003

			48.78	46.341	2.439
			32.594	30.964	1.63
			5.42	0	5.42
			1.091	0	1.091
			4.293	4.293	0
			50.48	50.48	0

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2.721 /

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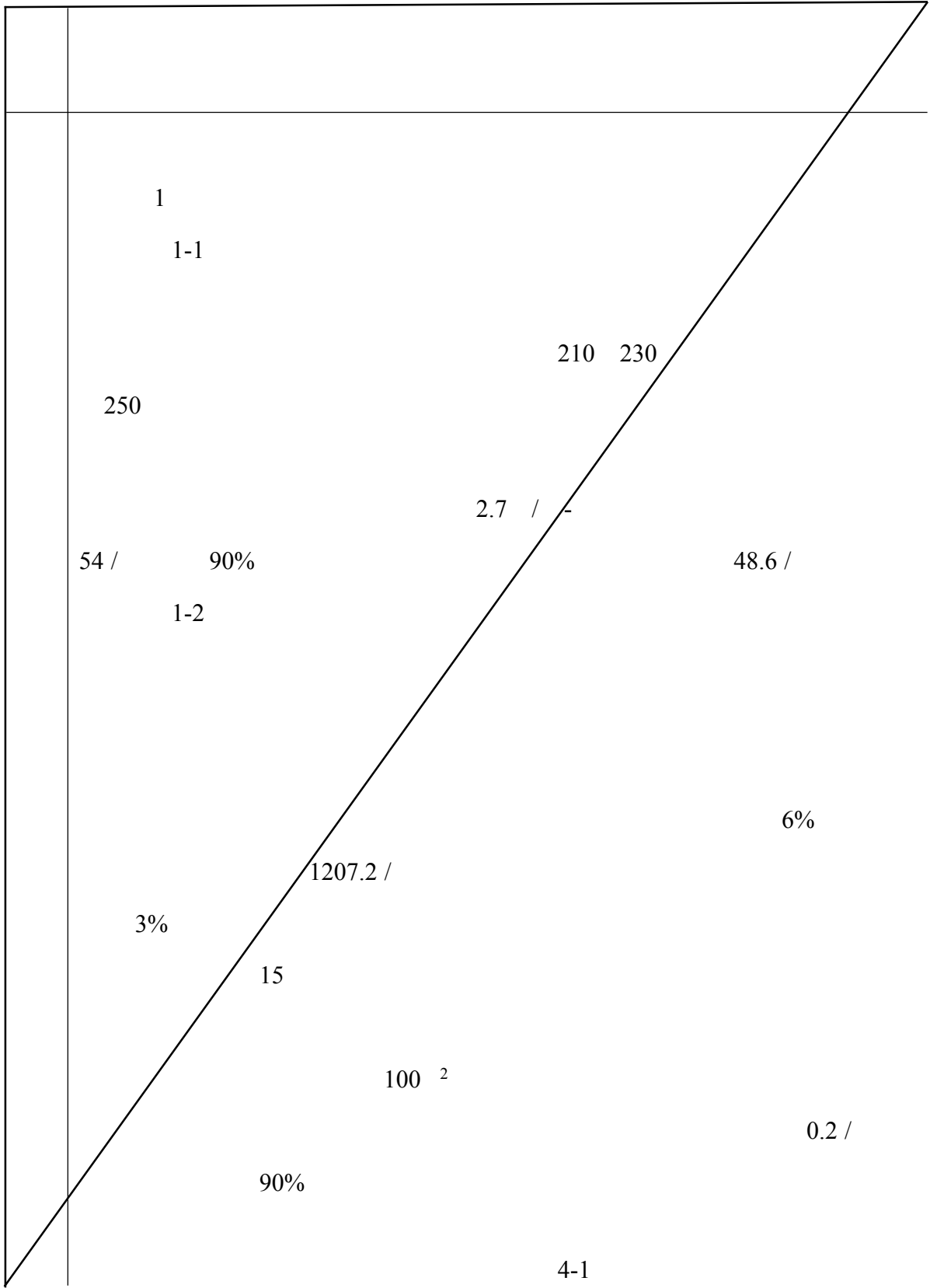
3-1

/

		1.63	0.414	2.044
		/	2.71	2.71
	2	/	0.58	0.58
		/	0.137	0.137
		2.439	/	2.439

		1.091	0.022	1.113
		/	0.143	0.143
	2	/	0.031	0.031
		/	0.007	0.007
		/	0.03	0.03
		5.42	/	5.42
		3560	31500	35060
		0.178	1.575	1.753
		0.036	0.315	0.351
		0.0014	0.102	0.1034
		0.0014	0.214	0.2154
		0.0003	0.01	0.0103
		/	0.013	0.013
	5	/	0.132	0.132
		0	0	0
		0	0	0
		0	0	0
	:	6000		

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		3		1
		4		
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			5	
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	3/						%							
			/ 3	/	/			/ 3	/	/	/ 3	/		
1-1	20000	7920		102.273	2.045	16.2	/ +	95	5.114	0.102	0.810	60	/	2
1-1	40000	7920		102.273	4.091	32.4	/ +	95	5.114	0.205	1.620	60	/	3
				0.568	0.023	0.18			0.028	0.001	0.009	60	3	
1-2	20000	7920		205.773	4.115	32.594 4		95	10.289	0.206	1.630	20	1	4

2

90%

5.4 /

90%

3.622 /

70%

30%

1.086 /

0.137 /

90%

0.02 /

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		/	/	2	
		5.4	0.682	28260	10
		0.0046	0.001		
		1.086	0.137		
		0.02	0.003	100	5

3

4-3

4-3

				/	/			/
				3				

2	/ +	50%		51.136	1.023	1	<1
3	/ +	50%		51.136	2.045	1	
		50%		0.284	0.011	1	
4		50%		22.863	0.457	1	

4

4-4

2			15	1.0	25	118.9146 33.0113
3			15	1.0	25	118.9823 33.0113
4			15	0.7	25	118.9821 33.0113

2000-2010

15 /

7.077 / 14.154 / 14.443 /

4-

				()	/
2		15	1.0	25	7.077
3		15	1.0	25	14.154
4		15	0.7	25	14.443

4. .2

4-1



4-1

1

1

,

,

99%

15

2

4-6

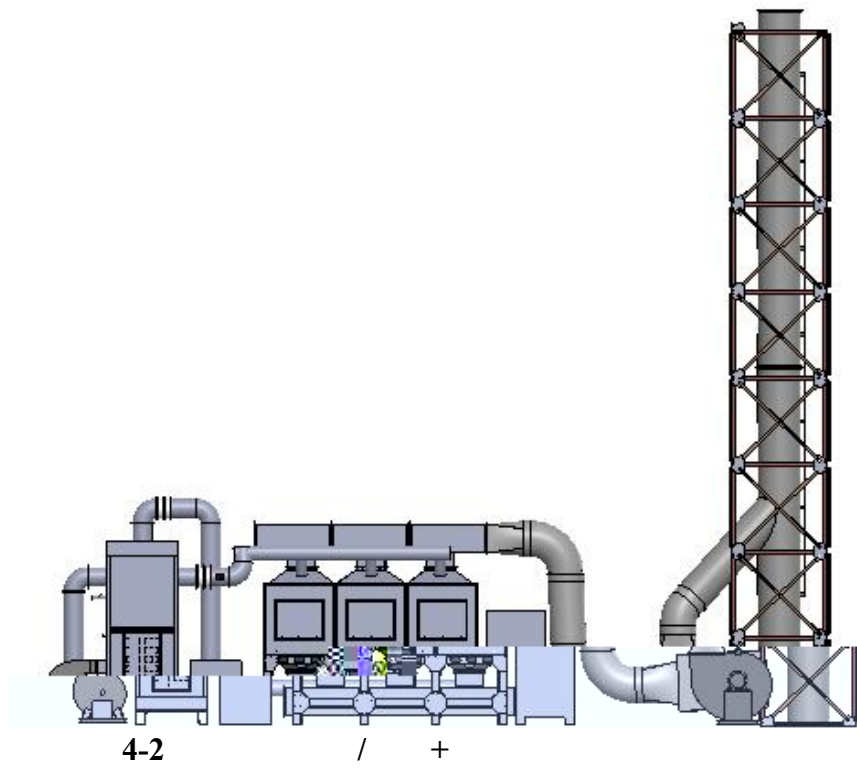
4-

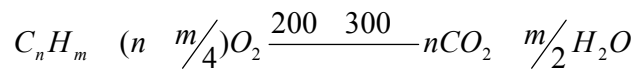
/ /

1

2

	2 2 2 2 2 2





4-

		40000 /	20000 /
		- -20000	- -20000
		100 100 100	100 100 100
		235	235
		1.2 /	1.2 /
		1	1
		1200	1200
		6.9 ³	4.6 ³
		120	120
		15000 ⁻¹	15000 ⁻¹
		20 ²	20 ²

13

2

+ / +

99.1-99.7%

/ +

96%

1122-2020

1

1

2

3

4

5

2

1

2

4

1

-

2.2-2018

6.95%

139.0400 /

10%

4-7

4-8

10%

(2.2-2018)

i

$$P_i = \frac{C_i}{C_{0i}} \times 100\%$$

$$\frac{P_i}{C_i} = \frac{1}{C_{0i} / 3} \times 100\%$$

4-

/	/	
	()	290000
		40.8
		-18.6
	()	90

10% :

4-

		(/)	(/)	(%)	10%()
2		2000.0	7.8446	0.3900	/
3		2000.0	15.8440	0.7900	/
4		450.0	15.8440	3.5200	/
		2000.0	139.0400	6.9500	/
		450.0	27.9701	6.2200	/
		2000.0	4.9198	0.2500	/

/ 39499-2020

$$\frac{Q_c}{C_m} = \frac{1}{A} B L^C 0.25^{2^{0.50}} L^D$$

/

/ 3

L

$$= (S/)^{0.5}$$

$A B C D$

5

3.6 /

4-10

	(/)	/								
		1000			1000 2000			2000		
	<2	400	400	400	400	400	400	80	80	80
	2 4	700	470*	350	700	470	350	380	250	190
	>4	530	350	260	530	350	260	290	190	110
	<2	0.01			0.015			0.015		
	>2	0.021*			0.036			0.036		
	<2	1.85			1.79			1.79		
	>2	1.85*			1.77			1.77		
	<2	0.78			0.78			0.57		
	>2	0.84*			0.84			0.76		
1/3										
1/3										

4-11

					/	
	180	157	10		0.138	3.756
					0.682	4.291
	10	10	5		0.003	0.192

50

50

1207-2021

4-12

	2	1		1 /	
	3	1		1 /	31572-2
	4	1		1 /	015
					32/4041-202
					1

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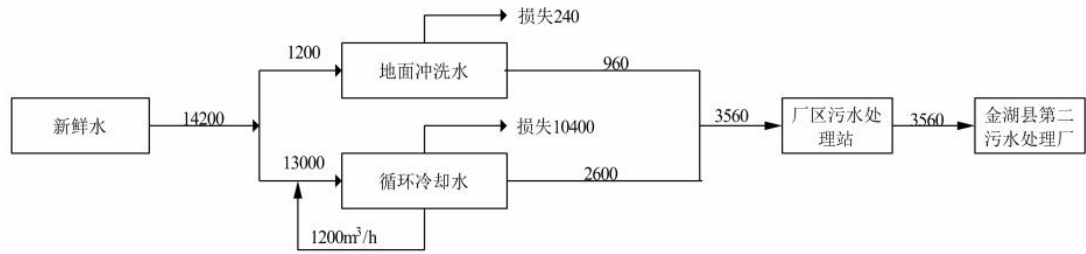
1200³/

13000 /

2600 /

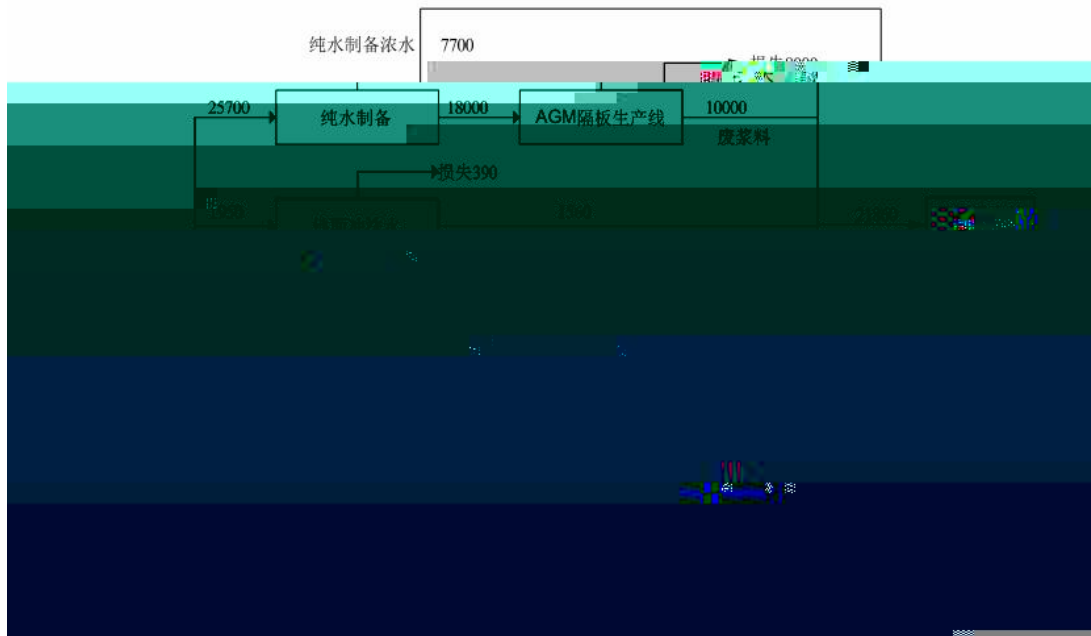
40 /

30 /



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/

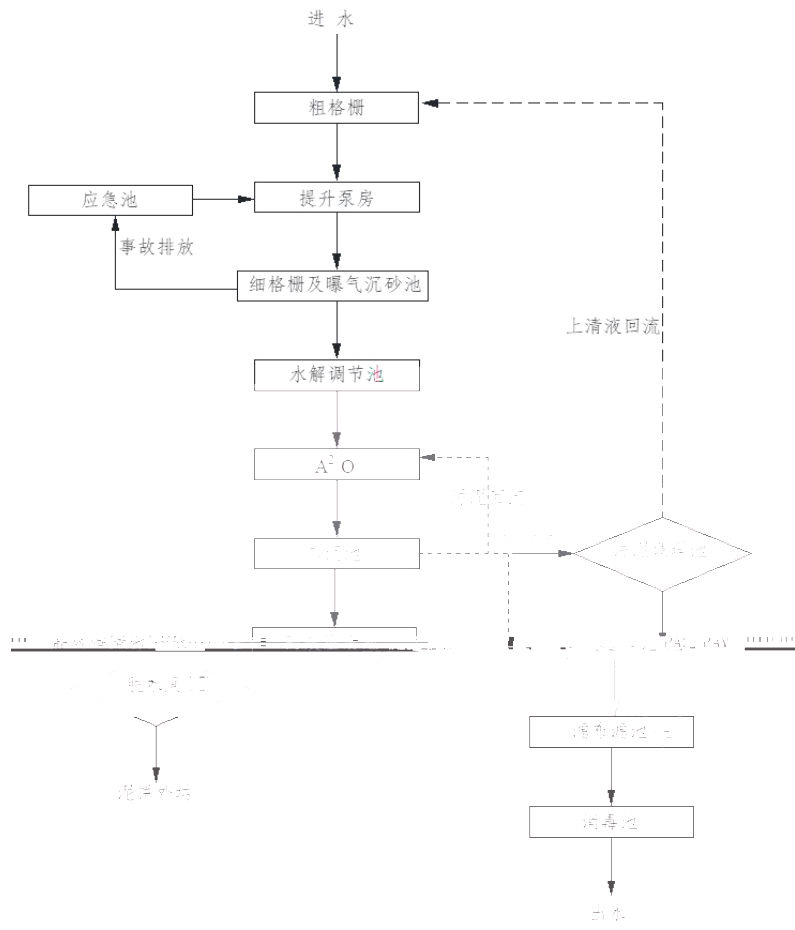


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2022

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	85	4		-
	80			20
	90	2		20
	90	6		20
	90	1		20
	90	1		20
	85	1		20
	85	2		20
	85	2		20
	85	1		20
	90	1		20
	85	1		20

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		8		1	12348-2008

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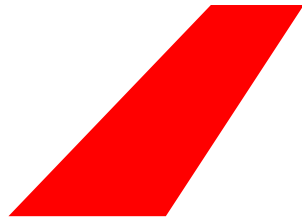
0.46 /

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2					/	/	50	/
3					08	900-214 -08	0.3	
4					49	900-039 -49	3.793	
5					49	900-048 -50	0.2	

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		1.5 10 ⁻⁷ /
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610-2016

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	/		
	/	11.7	

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4-23

4-23

	/	11.7	50	0.23
				0.23

0.23 1

4-24

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	+			

4-2

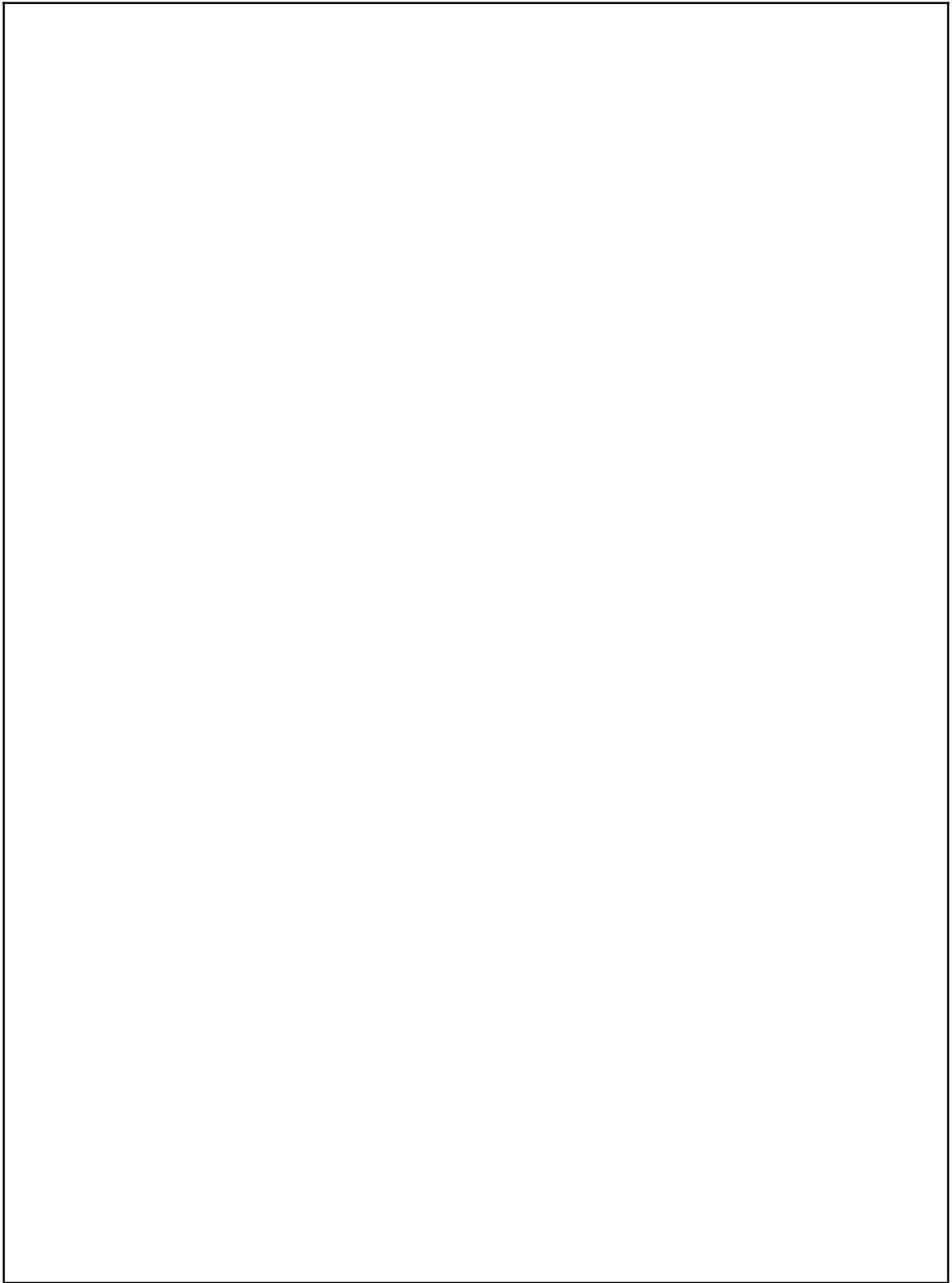
	2					
	388					
	119	58	55.920	33	0	34.680

	1	2
	4	3
	1	

(
)/
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+ /
+ /

2015 31572-



		/	/	/	2.439	/	2.439	+2.439
		/	/	0.414	1.63	/	2.044	+2.044
		/	/	2.71	/	/	2.71	+2.71
	2	/	/	0.58	/	/	0.58	+0.58
		/	/	0.137	/	/	0.137	+0.137
		/	/	/	5.42	/	5.42	+5.42
		/	/	0.022	1.091	/	1.113	+1.113
				0.143			0.143	+0.143
	2			0.031			0.031	+0.031
				0.007			0.007	+0.007
		/	/	0.03	/	/	0.03	+0.03
		/	/	31500	3560	/	35060	+35060
		/	/	1.575	0.178	/	1.753	+1.753
		/	/	0.315	0.036	/	0.351	+0.351
		/	/	0.01	0.0003	/	0.0103	+0.0103
		/	/	0.102	0.0014	/	0.1034	+0.1034
		/	/	0.214	0.0014	/	0.2154	+0.2154
		/	/	0.013	/	/	0.013	+0.013
	5	/	/	0.132	/	/	0.132	+0.132
		/	/	82.5	/	/	82.5	+82.5
		/	/	44.33	50.48	/	94.81	+94.81
		/	/	0.3	4.293	/	4.593	+4.593

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6000