

报告编号

华新水泥

温室

核查机构名称 (公司)
核查报告签发日期



企业关联企业集团

[illegible]

1. 工业企业资产排
2. 企业资产排

量	量为	
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信言陽)

答：是

地址：方

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法	
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指

A diagram of a vertical rectangular block. A horizontal line divides the block into two equal halves. The top half is labeled with a capital letter 'V' and the bottom half is labeled with a lowercase letter 'v'.



企业

$$\frac{3}{3} \frac{t}{t} \frac{C}{C} \frac{O_2}{O_2} -$$

Fe	→	O ₂
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计划的符号

19年度

(試)

企业温

2015 年度


$$\begin{array}{r} 93 \\ \times 3 \\ \hline 283 \end{array}$$

9 47

年度

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9141
1502
6716
8057
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270

24785

56589
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478
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1.		1
1.1		1
1.2		2
1.3		2
2.		2
2.1		3
2.2		3
2.3		3
2.4		4
3.		5
3.1		5
3.1.1		5
3.1.3		8
3.1.4		9
3.2		10
3.2.1		10
3.2.2		11
3.3		11
3.4		11
3.4.1		11
3.4.2		19
3.4.3		23
3.4.4		24
3.5		35
3.6		35
3.7		36
4.		36
4.1		36
4.2		36
4.2.1		36
4.2.2		37
4.3		37
4.4		37
5.		38
1		38
2		38



2019



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2020 7 13 ~14				

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CQC

CQC



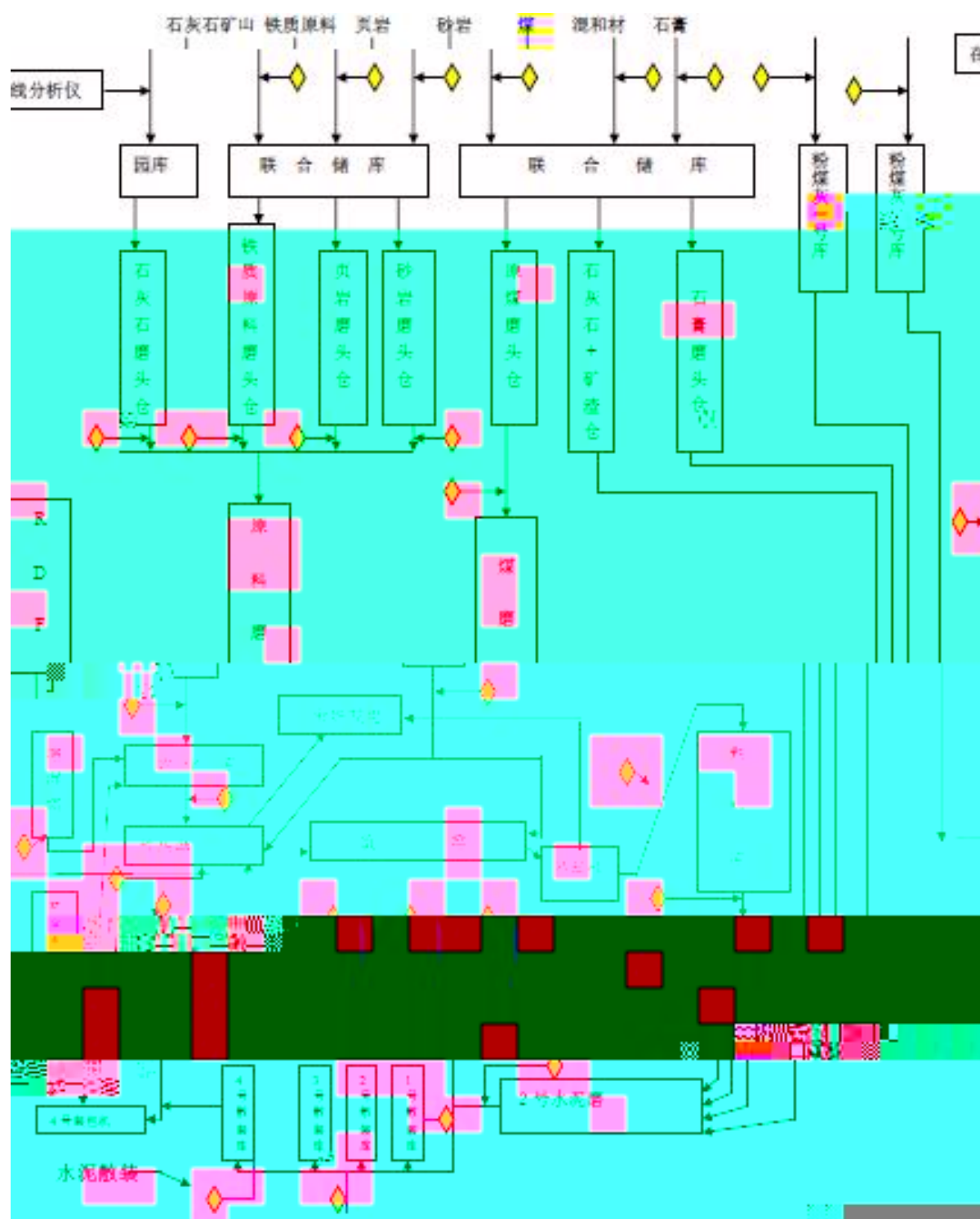
CQC

3.

SP

C1

5.



3.1.3

3-1

3-1

1	Ĭ7.5Ĭ31m	1
2	Ĭ4.7/5.0Ĭ72m	1
3	/	5
4	LPC1018D20	1
5	Ĭ5.4Ĭ12m	

3.2

3-3

	/	

32-35%

GB/T 5751

° S w€Y@Ñ \$5 •

10%-37%

GB/T 5751

32-35%

2019



GB/T 213-2008

Y 4 3 7 2

Y 3 5

GB/T 213

GJ/t

Kcal/kg

2019



2019

2019

2019

		2019	2019		
		t	t	t	t
		t	t		
2019	1	0	23.63	0	23.63
	2	0	13.18	0	13.18
	3	18	23.27	18	23.27
	4	2.5	24.63	2.5	24.63
	5	3	47.6	3	47.6
	6	3	19.48	3	19.48
	7	3	23.89	3	23.89
	8	0	21.16	0	21.16
	9	1	22.23	1	22.23
	10	4.5	21.47	4.5	21.47
	11	1	18.59	1	18.59
	12	2	17.393	2	17.393
		38	276.523	38	276.523

3.4.1.5

	2019			
	=	/	2019	
			2019	

3.4.1.6

t

2019	1	1.45
	2	0.64
	3	1.2
	4	0.73
	5	1.1
	6	0.64
	7	0.745
	8	0.7042
	9	0.9
	10	0.89
	11	0.99
	12	1.23

		5	1122.32	
		6	778.08	
		7	1219.3	
		8	1030.96	
		9	909.08	
		10	754.29	
		11	809.2	
		12	486.06	
			9531.45	
		2019		
	t	9531.45		

3.4.1.8

	2019			
	2019			
	2019			
	2019			
	2019			
			2019	
	2019	1	153766.61	153766.61
		2	61632.47	61632.47
		3	109707.93	109707.93
		4	174447.59	174447.59
		5	181122.541	181122.541
		6	152569.3	152569.3
		7	165888.09	165888.09
		8	143884.17	143884.17
		9	156969.33	156969.33
10		147955.6	147955.6	

		11	165475.99	165475.99
		12	151885.26	151885.26
			1765304.88	1765304.88
		2019		
	t	1765304.88		

3.4.1.9

	2019		
	2019		2019
	2019		
			2019
	2019		
		2019	MWh
	2019	1	9502.680
		2	8607.720
		3	2694.120
		4	8576.700
		5	9897.360
		6	9860.400
		7	8548.320
		8	10521.060
		9	10061.040
		10	10060.380
		11	15825.419
		12	10986.360
			115141.559
			MWh
	2019	1	799.5

	2	407.8
	3	570.6
	4	716.4
	5	757.6
	6	711.7
	7	759.6
	8	1236.4693
	9	1268.5498
	10	1147.0393
	11	1241.3758
	12	1197.3905
		10814.0247

104327.5343MWh

3.4.2.8

2011 201 0.5257



4500 /	1184784.27	11.2192	9531.45	64.19	3.02	0.1912	0.0425	639677.75
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3.4.3.4

t	%	tCO ₂
A	B	C=A*B*44/12/100
1765304.88	0.1	6472.78

3.4.3.5

MWh	(tCO ₂ /MWh)	(tCO ₂)
104327.5343	0.5257	54844.98

3.4.3.6

	2019
tCO ₂ A	292287.08
tCO ₂ C	639677.75
tCO ₂ D	6472.78
tCO ₂ E	54844.98
tCO ₂ F	0
tCO ₂ G=A+B+C+D+E+F	993283

3.4.4

4500 /

2019

2019

	2019	
	270	202-1
	24785	
	56589.4	204-1
	18.1790	205-1

4500 /

CO₂

3.4.1 3.4.2

2019

3.4.4.1

	2019

			MWh
	2019	1	4523.16325
		2	1801.63
		3	3531.532
		4	5498.254
		5	5727.008
		6	4647.066
		7	5066.946
		8	4930.748
		9	5666.456
		10	4832.632
		11	5204.912
		12	4537.364
			55967.71125
:	MWh		
	2019	55967.71125	

3.4.4.3

	/
	/
	/
	/
	/
	=
	$=104327.5343/(104327.5343+55967.71125) \times 77226.1946 = 50262.367 \text{ MWh}$
	= -

	=77226.1946-50262.367=26963.828MWh		
:	MWh		
	2019	50262.367	26963.828

3.4.4.4

	tCO ₂ /MWh	
	0.6101	
	2019	2019 943
	2015	

3.4.4.5

	/	
	/	
	/	
	/	
	/	
	= 0.6101Ĥ	
	+ *0 /	
	=0.6101Ĥ50262.367/77226.1946=0.3971	
:		
		tCO ₂ /MWh
	2019	0.3971

3.4.4.6

1.

		t	GJ/t	tC/TJ)	(%)		t CO ₂	t CO ₂
		A	B	C	D	E	$F=A*B*10^{-5}*C*D*E$	
2019		120630.13	25.67	26.18	98	44/12	291298.53	291417.38
		38	42.652	20.20	99	44/12	118.85	

2.

	t	CaO %	MgO %	CaO %	MgO %	tCO ₂
	A	B	C	D	E	$G=A*[(B-D)*44/56+(C-E)*44/40]/100$
4500 /	1184784.27	64.19	3.02	0.1912	0.0425	634566.72

3.

	MWh	tCO ₂ /MWh	tCO ₂
	A	B	C=A*B
4500 /	77226.1946	0.3971	30665.07

4.

2019	tCO ₂
A	291417.378
B	634566.72
C	30665.07
D D=A+B+C	956649

3.4.4.7

	2019
/	4500 /
m	1000m
t	27.8674052

		t
	1	25590.31
	2	7744.05
	3	17870.96
	4	25888.3
	5	26995.36
	6	23560.312
2019	7	25354.03
	8	24951.34
	9	25232.98
	10	26071.84
	11	24278.44
	12	25136.13



()

2019

						*1	
1*2 3	1		tCO ₂	956649	1.1	1.2 1.3 1.4	
	1.1		tCO ₂	291417.38	2		
	1.1.1	t	m ₃ *4 5	120630.13			
				38			
	1.1.2	GJ/t	GJ/ Nm ₃	25.67	26.7GJ/t		
				42.652			
	1.1.3		tC/GJ	0.02618			
				0.0202			
	1.1.4		%	98			
				99			
	1.2			tCO ₂	634566.72	6	
	1.2.1			t	1184784.27	y'	
						y'	
	1.2.2			CaO	64.19		
	1.2.3			MgO	3.02		
1.2.4			CaO	0.1912	<div>$= \frac{\sum Q_i \times \epsilon_{Ca,i}}{Q_{ck}}$</div>		

			y'0
			y' / ñ ò 0.11tCO ₂ /GJ
	2 / *8	4500	
	3 m	/	1000m
	4 t	278674.052	
			y'
			y'
	5 tCO ₂	956649	

3.5

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3

4

5

3.6

3.0

2019

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3.7

2019

2018

2019

4.

4.1

2019

4.2

4.2.1

2019

2019

2018

2019

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1

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1.

2.

3.

4. 2019

5.

6.

7. 2019

8.

9.

10. 2019

11.

12.

13.

14. 2019

15.

16.

17.