

JYFLHJYA-2021

2021 02

2021

2021

| | | |
|-----|-------|----|
|  | ..... | 1 |
| 1 | ..... | 1 |
| 1.1 | ..... | 1 |
| 1.2 | ..... | 1 |
| 1.3 | ..... | 4 |
| 1.4 | ..... | 5 |
| 1.5 | ..... | 5 |
| 1.6 | ..... | 8 |
| 2 | ..... | 9 |
| 2.1 | ..... | 9 |
| 2.2 | ..... | 10 |
| 2.3 | ..... | 12 |
| 2.4 | ..... | 30 |
| 3 | ..... | 33 |
| 3.1 | ..... | 33 |
| 3.2 | ..... | 33 |
| 3.3 | ..... | 34 |
| 4 | ..... | 35 |
| 4.1 | ..... | 35 |
| 4.2 | ..... | 36 |
| 4.3 | ..... | 39 |
| 4.4 | ..... | 49 |
| 4.5 | ..... | 53 |
| 5 | ..... | 53 |
| 5.1 | ..... | 53 |
| 5.2 | ..... | 54 |
| 5.3 | ..... | 57 |
| 5.4 | ..... | 59 |

| | | |
|------|-------|----|
| 5.5 | ..... | 60 |
| 5.6 | ..... | 61 |
| 5.7 | ..... | 61 |
| 6 | ..... | 62 |
| 6.1 | ..... | 62 |
| 6.2 | ..... | 65 |
| 6.3 | ..... | 68 |
| 6.4 | ..... | 73 |
| 6.5 | ..... | 79 |
| 6.6 | ..... | 81 |
| 7 | ..... | 82 |
| 7.1 | ..... | 82 |
| 7.2 | ..... | 83 |
| 8 | ..... | 85 |
| 8.1 | ..... | 85 |
| 8.2 | ..... | 85 |
| 8.3 | ..... | 85 |
| 8.4 | ..... | 86 |
| 9 | ..... | 88 |
| 9.1 | ..... | 88 |
| 9.2 | ..... | 88 |
| 9.3 | ..... | 89 |
| 9.4 | ..... | 90 |
| 10 | ..... | 92 |
| 10.1 | ..... | 92 |
| 10.2 | ..... | 93 |
| 10.3 | ..... | 93 |
|  | ..... | 94 |
|  | ..... | 94 |

| | | |
|---|-------|-----|
| 1 | ..... | 94 |
| 2 | ..... | 97 |
| 3 | ..... | 97 |
| 4 | ..... | 98 |
| 5 | ..... | 98 |
| 6 | ..... | 100 |
|  | ..... | 101 |
| 1 | ..... | 101 |
| 2 | ..... | 103 |
| 3 | ..... | 103 |
| 4 | ..... | 104 |
| 5 | ..... | 105 |
| 6 | ..... | 106 |
|  | ..... | 108 |
|  | ..... | 108 |
| 1 | ..... | 108 |
| 2 | ..... | 108 |
| 3 | ..... | 109 |
| 4 | ..... | 112 |
| 5 | ..... | 112 |
|  | ..... | 113 |
| 1 | ..... | 113 |
| 2 | ..... | 113 |
| 3 | ..... | 113 |
| 4 | ..... | 118 |
|  | ..... | 119 |

1

1.1

1.2

1.2.1

1

2007 8 30

2007 11

1

2

1989 12 26

2014 4 24

2015 1 1

3

2017 6 27

4

2018 10 26

5

(

2020 9 1)

6

2002 8 29

2014 8 31

| | | | | | | | | |
|--------------|--------|------|------|------|------|-------------------|------------|------|
| | | | | 2014 | 12 | 1 | | |
| 7 | | | | | | | | |
| | | | 2008 | 10 | 28 | | 2009 | 5 1 |
| 8 | | | | | | | 2018.12.29 | |
| 1.2.2 | | | | | | | | |
| 1 | | | | | | 2005 | 1 26 | 79 |
| | | 2006 | 1 | 8 | | | | |
| 2 | | | | | | 2014 | 119 | |
| 3 | | | | 2015 | | | | |
| 4 | | | | 2021 | | 15 | 2020 | 11 5 |
| | 2021 | 1 | 1 | | | | | |
| 5 | | | | | 2013 | 12 | 4 | 32 |
| | | 2013 | 12 | 7 | | | | |
| 6 | | | | | | 2002 | 4 | 30 |
| 57 | | | 2002 | 5 | 12 | | | |
| 7 | | | | | | [2015] | 34 | |
| 8 | | | | | | | [2009] | 130 |
| 9 | | | | | | [2011] | 17 | |
| 10 | | | | | | | | |
| | [2015] | 4 | | | | | | |
| 11 | | | | | | | | |
| 2016 | 74 | | | | | | | |
| 12 | | | | | | 2021 | | |
| 16 | 2020 | 11 | 5 | | 2021 | 1 | 1 | |
| 13 | | | | | | HJ 941-2018 | | |
| 14 | | | | | | | | |
| 15 | | | | | | HJ 589-2010 | | |
| 16 | | | | | | DB 37/T 3599-2019 | | |

17

18

(2009 56)

19

2012 5

20

21

[2016]141

22

[2017]37

23

()

24

25

1.2.3

| | | | |
|--------------|------|------------|---------------|
| 2011 | 142 | | |
| 18 | | | 2020 |
| 30 | | | |
| 19 | | HJ589-2010 | |
| 20 | | | GB 28662-2012 |
| 1.2.4 | | | |
| 1 | | | |
| | | 2016 | 12 |
| 2 | | | |
| | 2019 | 9 | |
| 3 | | | |
| | | 2020 | 12 |
| 4 | | | |
| 1.3 | | | |
| | | | |
| 1 | | | |
| | | | |
| | | | |
| 2 | | | |

3

1.4

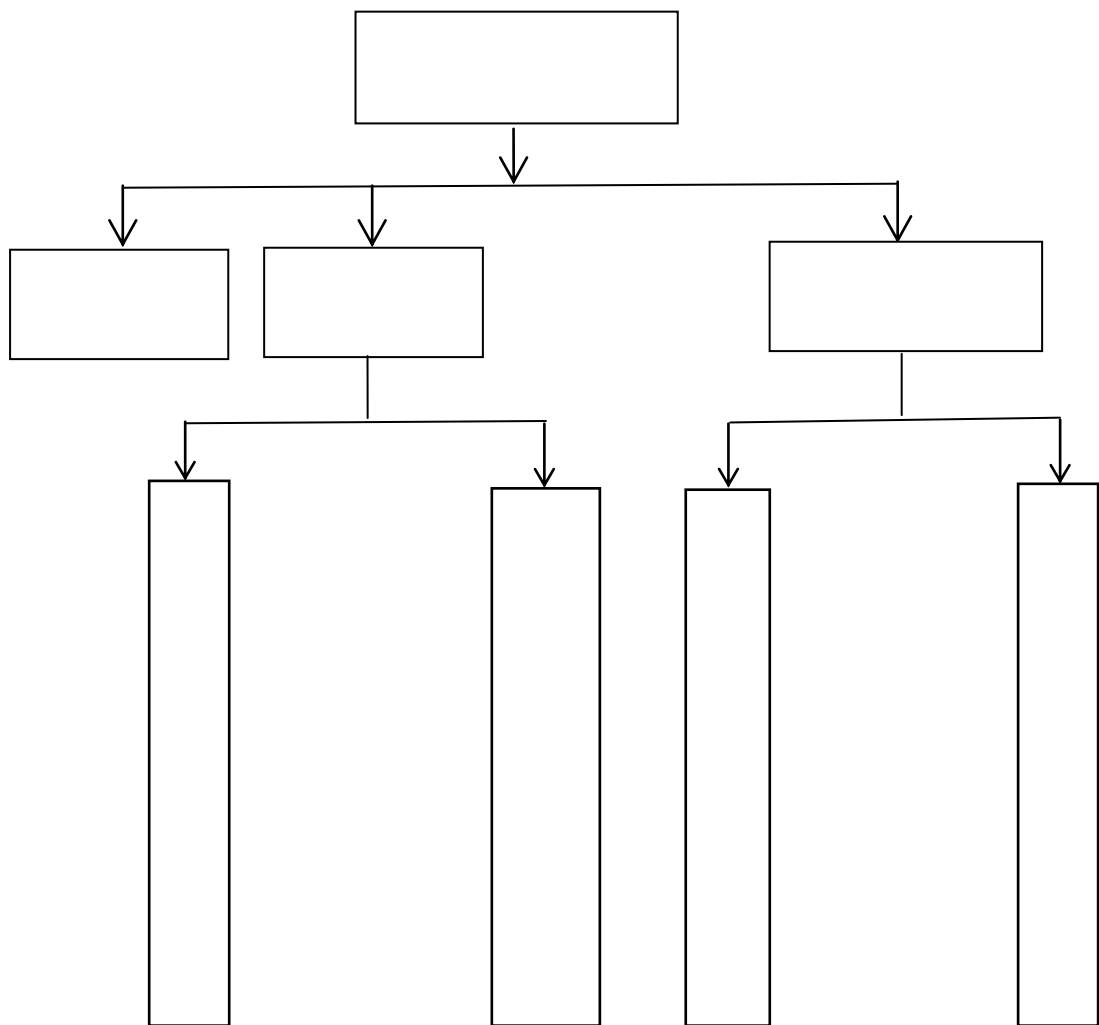
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2

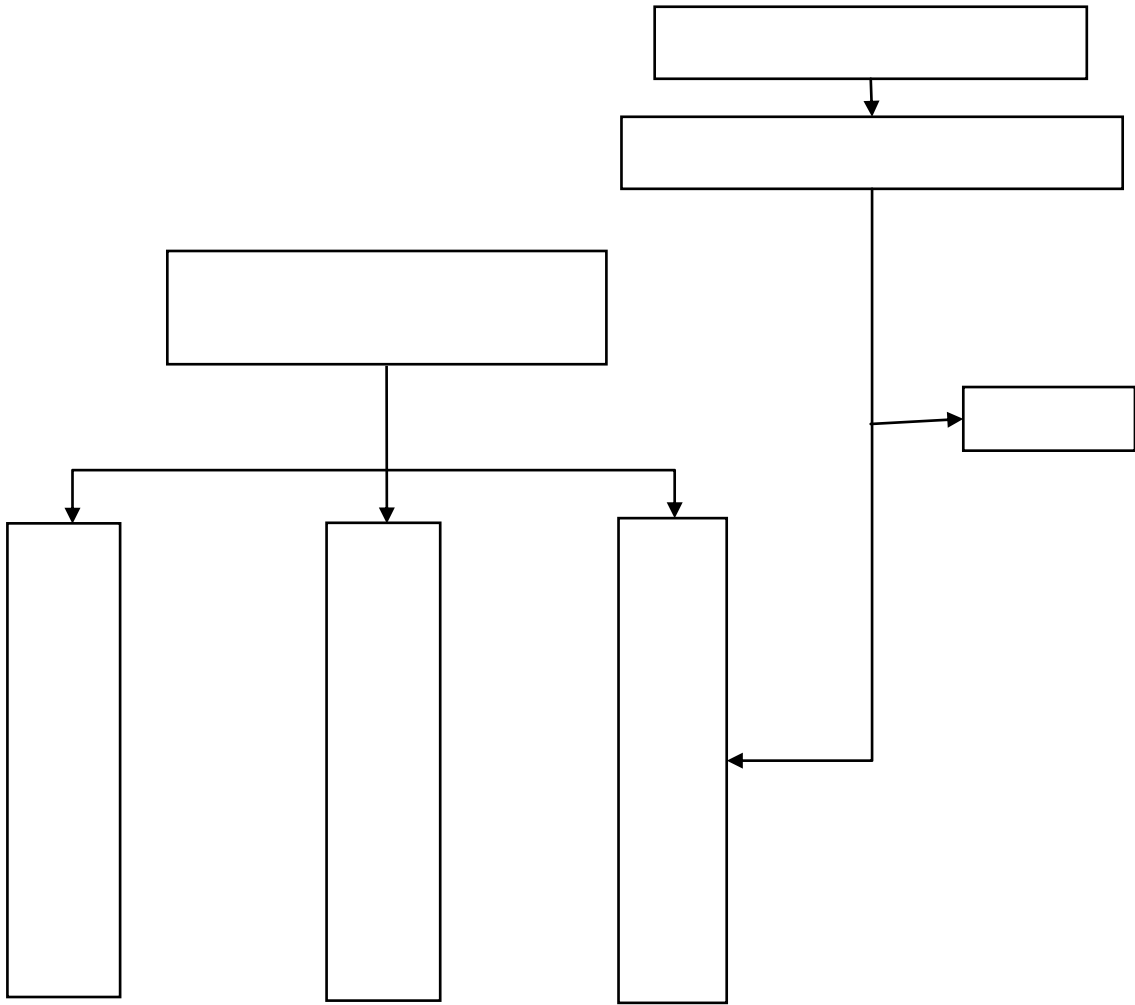
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4

1.5



1-1



1

1-2

2

1.6

1

2

3

4

5

6

7

2

2.1

2.1.1

2 105m² 2

320m² 2 420m³ 1 1250m³ 2 1650m³

SO₂ NO_x

SO₂ NO_x

2 105m² 2 420m³ 1 1250m³ 2

320m² 2 1650m³

[2016]130

2.1-1

| | | | |
|--|------------------------------|-----|---------------------|
| | | | |
| | | | 913712001695745282 |
| | | | 13561713679 |
| | | | qingjin1999@163.com |
| | 1964 | | C3110 |
| | 952 | | |
| | 36°18'19.00"N 117°32'32.00"E | | |
| | 952 | 365 | 24 |

2.1.2

1#-5#

TRT

1#-4#

2

2.2

1

36°02'

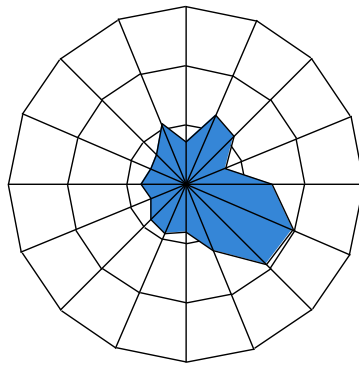
36°33'

117°19'

117°58'

1739.61

2



2-1 20 1996 2015

5

5.157

4.778

2.21

1.728

80%

6

17.40

13.27

76.3%

3

17.27%

1.12

6.42%

4.84

0.0704

42

17

78

4

2.18

71 177 471 5 8

13 7 15 23 2 3 6

2.3

2.3.1

2.3-1

2.3-1 1

| | | | | | | | | | |
|--|--|--|-------------------|--------------------|--------------------|-------|-------------------|----------------|--|
| | | | | | | | | | |
| | | | 105m ² | ×2() | 320 m ² | ×2() | | | |
| | | | 600m | | 200m | | 12 | m ² | |
| | | | 1 | 45m ³ | 14 | 2 | 800m ³ | 36 | |
| | | | 5 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | 2 | 1000m ³ | | | 2# | | |

2.3-1 2

| | | | | | | | | | |
|--|--|--|---------------------|--------------------|----------------------|----|---|--|--|
| | | | | | | | | | |
| | | | 2×420m ³ | 1280m ³ | 2×1650m ³ | | | | |
| | | | TRT | 4 | | | | | |
| | | | 4×75m | 4×50m | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | 1# | 2#3# | 4# | 5# | 4 | | |
| | | | | | | | | | |

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |

2.3.2

2.3-2

2.3-2

| | | | |
|---|--|------------------------------------|------------|
| | | | |
| | | | t/a |
| 1 | | PB FB P + | 5010916 |
| 2 | | | 627166.5 |
| 3 | | 3~0mm | 615576 |
| 4 | | 25~0mm | 313058 |
| 5 | | 40mm | 33013.6 |
| 6 | | | 818251.6 |
| 7 | | | 236099.5 |
| 8 | | | 3360 |
| | | | |
| | | | |
| 1 | | 10 ⁴ kWh/a | 30208 |
| 2 | | 10 ⁴ m ³ /t | 111.6 |
| 3 | | 10 ⁴ m ³ /a | 3948 |
| 4 | | 10 ⁴ GJ/a | 26.28 |
| 5 | | 10 ⁴ Nm ³ /a | 1216.8 |
| | | | |
| | | | t/a |
| 1 | | 5~150mm | 6441373 |
| 3 | | | 103020 |
| | | | |
| | | | t/a |
| 1 | | | 5786326 |
| 2 | | 6~18mm | 424876 |
| 3 | | 5~30mm | 1050221 |
| 4 | | | 1773042 |
| 5 | | | 516525 |

| | | | |
|---|----|---------------------------|-----------|
| | | | |
| 1 | | 10^4 kWh/a | 10160.92 |
| 2 | | 10^4 m ³ /t | 224.63 |
| 3 | | 10^4 m ³ /a | 273876.48 |
| 4 | | 10^4 m ³ /a | 1172 |
| 5 | | 10^4 t/a | 259.56 |
| 6 | | 10^4 Nm ³ /a | 9142 |
| 7 | 2% | 10^4 Nm ³ /a | 22177 |
| 8 | | 10^4 Nm ³ /a | 14094 |
| | | | |
| 1 | + | t/a | 4258890 |

2 en-55] 1

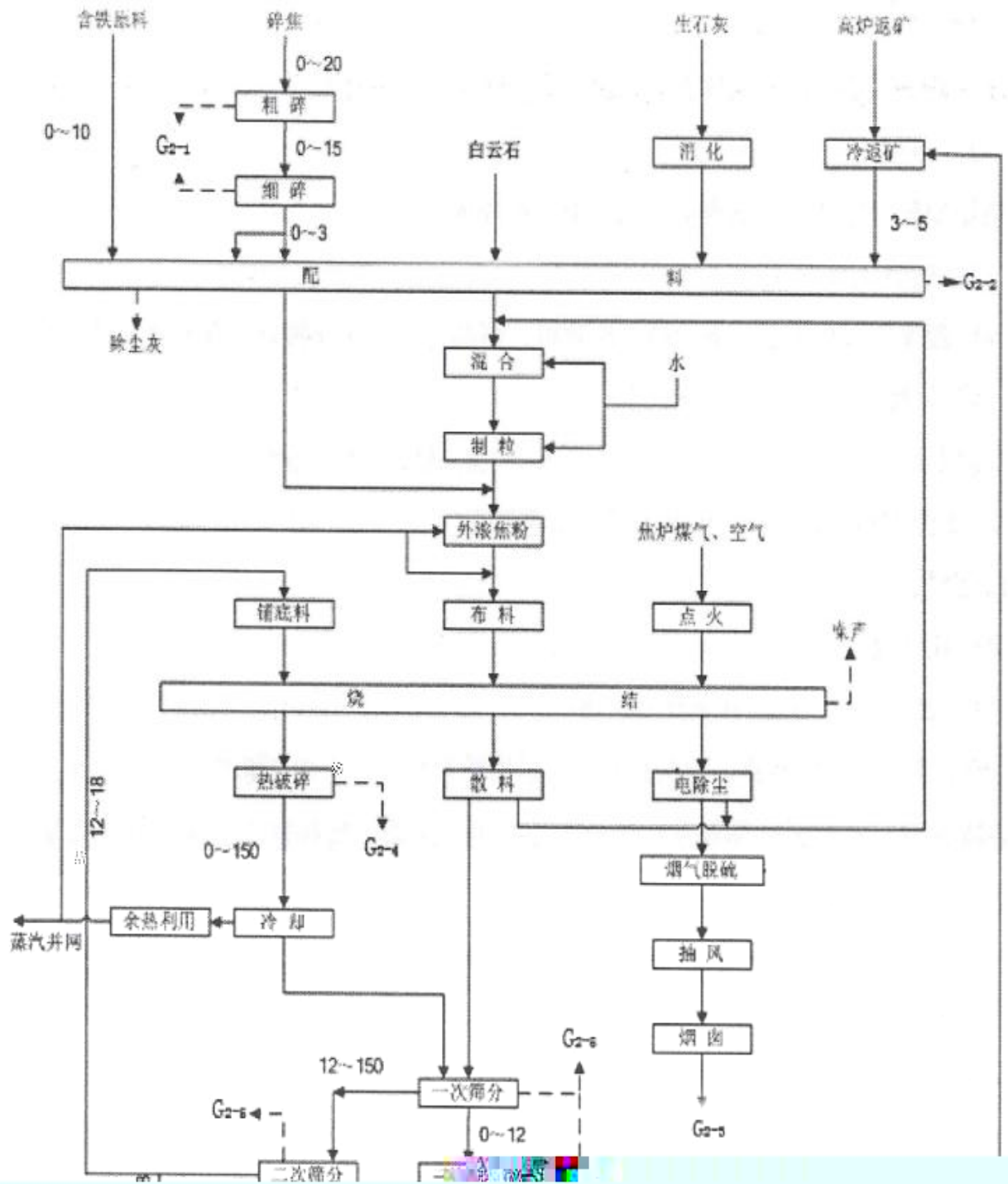
| | | | |
|--|--|----------------------|----|
| | | 130m ³ | 2 |
| | | 113m ³ | 2 |
| | | 75m ³ | 1 |
| | | 220m ³ | 2 |
| | | 1200x1000 | 4 |
| | | B650 | 8 |
| | | B800 | 24 |
| | | B1200 | 34 |
| | | PDx 32SDF1 | 32 |
| | | 1000x7180x10 | 32 |
| | | 400x2000mm | 4 |
| | | 400 | 4 |
| | | 3800x14000mm | 2 |
| | | 4400x18000mm | 2 |
| | | 1282x4046mm | 2 |
| | | 3100x7800mm | 2 |
| | | XB1640x2460 | 2 |
| | | XB1640x3100 | 2 |
| | | XB1640x2200 | 2 |
| | | 900x700 | 2 |
| | | B650 | 15 |
| | | B1000 | 12 |
| | | B1200 | 2 |
| | | 1000x5000x10 | 15 |
| | | J360 | 2 |
| | | 3000x12000mm | 1 |
| | | 3000x12000mm | 1 |
| | | 1500x2740mm | 2 |
| | | XBSFJ-1 185x500 | 1 |
| | | XBSFJ-1 185x520 | 1 |
| | | -137 | 4 |
| | | HYC-5500 | 1 |
| | | 420m ³ ×2 | 2 |
| | | 1250m ³ | 1 |
| | | 1650m ³ | 2 |
| | | KJ-IA(DLYA) | 2 |
| | | YYG250C2-13 | 2 |
| | | KJ4000F | 4 |
| | | KD300 | 2 |
| | | KD100 | 2 |
| | | YP3080 | 4 |
| | | Y4-2×73-23F | 1 |
| | | Y4-73-24.5D | 1 |
| | | Y4-2×73-1NO23F | 1 |
| | | Y5-2×51-11NO23.5F | 2 |
| | | Y4-2×73-21F | 1 |
| | | Y4-73-11NO-25D | 1 |

| | | |
|--|----------------------|----------|
| | Y4-73-23D | 1 |
| | Y4-2×73-1NO23F | 2 |
| | 9-38-140GB/T13275-9 | 2 |
| | 9-26-12-50 | 2 |
| | 9-19-11-160 | 2 |
| | 1750SIBB50 | 2 |
| | 1850SIBB50D | 2 |
| | 130×8000 | 3 |
| | 130×6000 | 2 |
| | 176×6000 | 9 |
| | 176×6000 | 5 |
| | 60m | 2 |
| | 75m | 2 |
| | | 1280 1 3 |
| | | 1650 1 3 |
| | | 1650 1 3 |
| | | 350 1 3 |
| | | 420 1 3 |
| | 4800x3540x6972 | 3 |
| | 2420x1340 | 3 |
| | 800x600 | 3 |
| | TZ3B-01-02 | 6 |
| | 6000x2400 | 3 |
| | 6mx8mx6m | 3 |
| | 12mx8.5mx1.2m | 2 |
| | 14mx8mx4m | 1 |
| | 9mx16mx6m | 3 |
| | 1m ³ | 3 |
| | 11m ³ | 2 |
| | 100m ³ | 1 |
| | 2.87m ³ | 1 |
| | 20m ³ | 2 |
| | 1.38m ³ | 13 |
| | 3m ³ | 4 |
| | 13m ³ | 1 |
| | 1.5m ³ | 2 |
| | 0.5m ³ | 1 |
| | 10m ³ | 3 |
| | 5.09m ³ | 2 |
| | 6m ³ | 1 |
| | 3.4m ³ | 2 |
| | 50m ³ | 1 |
| | 18m ³ | 1 |
| | KQSN600-M9/751 | 8 |
| | XBC5.9/410-400N9/486 | 4 |
| | KQSN350-M6/654 | 8 |
| | XBC6.0/210-300M9/445 | 4 |

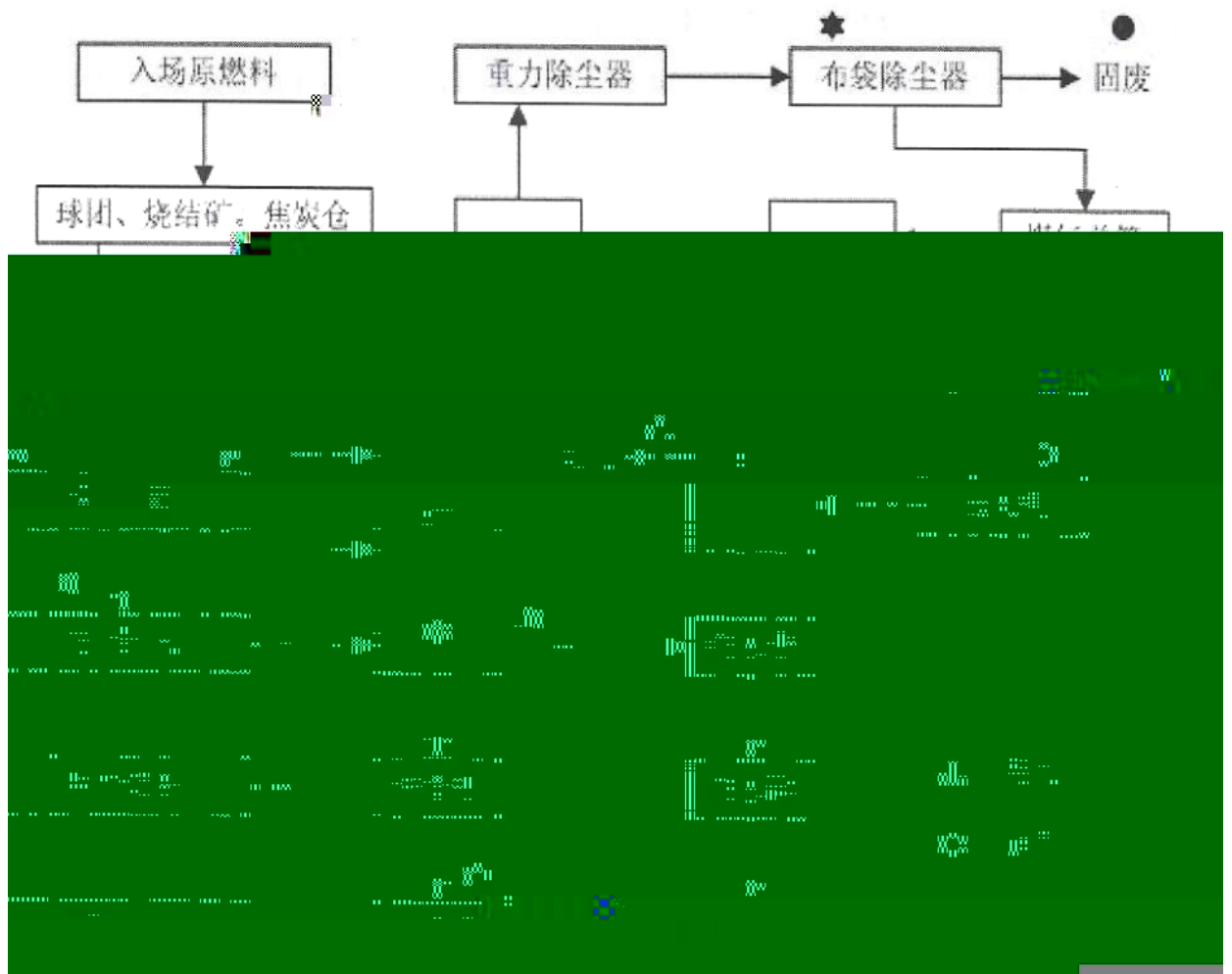
| | | | |
|--|--|---|------|
| | | KQSN150/460-75/4 | 12 |
| | | XBC8.0/55-W150*25*4 | 4 |
| | | KQSN300 N9/445 | 8 |
| | | KQSN150-M9/206 T | 12 |
| | | KQSN300-M9/387 T | 12 |
| | | KQSN250-M9/327 | 8 |
| | | KQSN300-M13/313 | 12 |
| | | LF-47(B) :7.35 ×104m ³ /h | 8 |
| | | DN300 | 5# 2 |
| | | DN450 | 5# 2 |
| | | JHGXY-3600 | 5# 2 |
| | | ZP9x3 | |
| | | LF50S | 5# 2 |
| | | 3600 | 4# 2 |
| | | STDN450 | 4# 2 |
| | | | |
| | | GSL-3.0 | 1# 1 |



2.3-4



2.3-5



2.3-6

1

(1)

(<3mm)

2

(2)

16

(3)

1

(4)

1

(5)

10 20mm

30 50mm

150mm

150

(6)

3

2

>5mm

>10mm

5 10mm

10 20mm

>20mm

(7)

(8)

0.8Mpa

170 °C

1

35t/h

(9)

2

PC PLC

Ca(OH)₂

²/g

JB/T 11076-2011

FOSS®-D

120-150

SO₂ SO₃ NO₂

70

15

SO₂

SO₃ NO₂

4 6m/s

6~8

SO₃

15

800 1000g/Nm³

10mg/Nm³

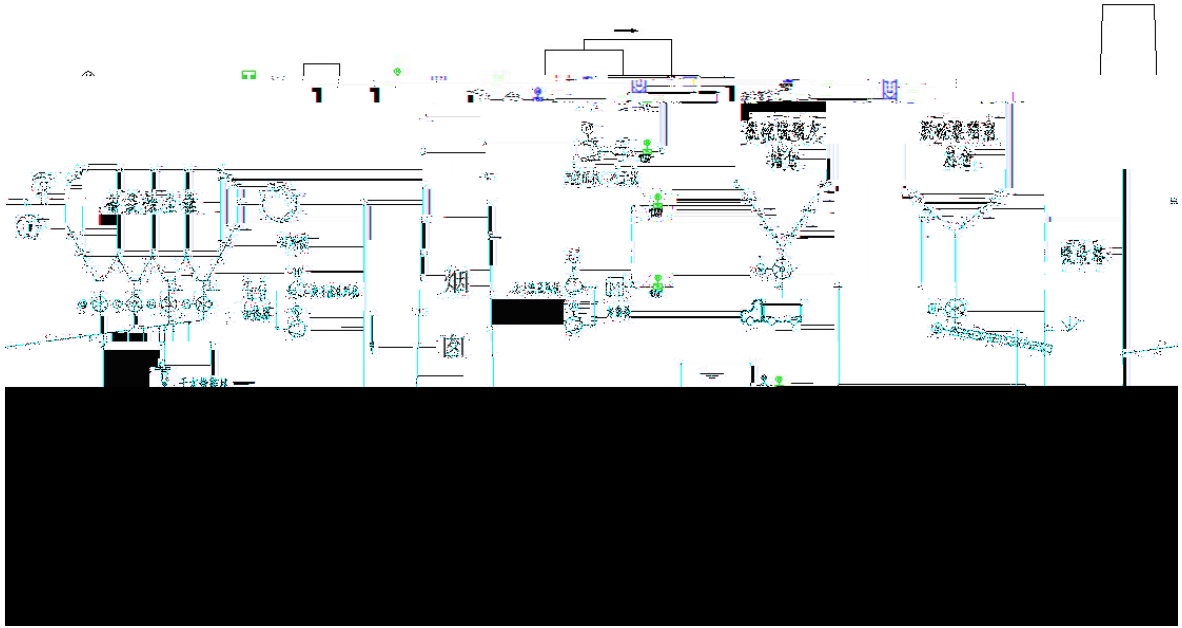
FOSS®-D

| | | | | | | |
|----|-----------------|-----------------|----|----|-----------------|----|
| | NO | NO ₂ | | NO | SO ₂ | |
| NO | | SO ₂ | | | | NO |
| | SO ₂ | | | NO | NO ₂ | |
| | | NO | NO | | | |
| | NO | | NO | | | |

SO₂/NO_x

SO₂/NO_x

2.3-7



2.3-7

0.5ng-TEQ/m³

150

2

(1)

(2)

/

2

30min

10min

20min

20min,

120t

(3)

(6)

4

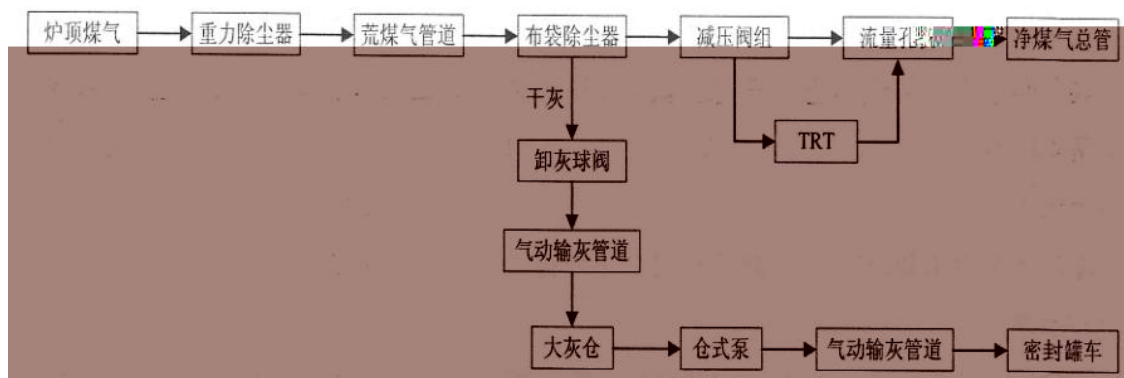
1

1

6~10g/m³

(7)

2.3-8



2.3-8

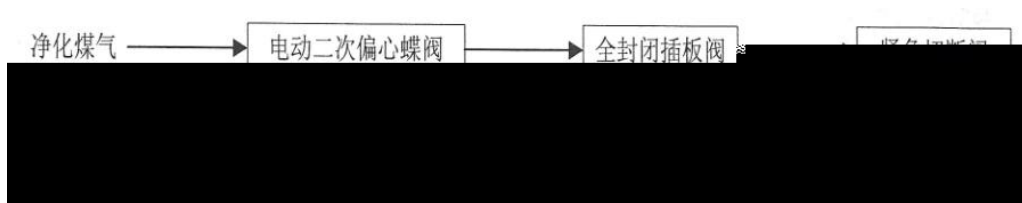
90~260 °C

260 °C

90 °C

TRT

TRT)



2.3-9 TRT

8

TRT

TRT

TRT

2.3-10

2.4

3

2.4.1

HJ 941-2018

5

| | | | | | | |
|----|--|------|----|------|--|---------------|
| 11 | | 1527 | SE | 607 | | 0531-76550196 |
| 12 | | 1619 | S | 1937 | | 0531-76523498 |
| 13 | | 1719 | SE | 1138 | | 0531-76550154 |
| 14 | | 1720 | S | 1055 | | 0531-76523147 |
| 15 | | 1959 | NE | 1022 | | 0531-76522545 |
| 16 | | 2042 | E | 875 | | 0531-76521479 |
| 17 | | 2056 | SE | 1068 | | 0531-78550117 |
| 18 | | 2110 | E | 291 | | 0531-76656029 |
| 19 | | 2168 | S | 1439 | | 0531-76236879 |
| 20 | | 2284 | W | 792 | | 0531-76518328 |
| 21 | | 2439 | NE | 2307 | | 0531-76522992 |
| 22 | | 2480 | NW | 1907 | | 0531-76522927 |
| 23 | | 2580 | E | 100 | | 0531-76656211 |
| 24 | | 2631 | N | 1068 | | 0531-76521478 |
| 25 | | 2652 | NW | 967 | | 0531-76620422 |
| 26 | | 2707 | W | 1407 | | 0531-76511319 |
| 27 | | 2763 | NE | 2084 | | 0531-76521029 |
| 28 | | 2810 | E | 367 | | 0531-76628230 |
| 29 | | 2852 | SW | 2357 | | 0531-76518326 |
| 30 | | 2920 | S | 1966 | | 0531-76520184 |
| 31 | | 2950 | SW | 691 | | 0531-76518328 |
| 32 | | 2950 | N | 894 | | 0531-76523684 |
| 33 | | 3063 | S | 502 | | 0531-76520178 |
| 34 | | 3072 | NE | 1273 | | 0531-76521478 |
| 35 | | 3073 | NW | 732 | | 0531-76520456 |
| 36 | | 3123 | NW | 937 | | 0531-76526457 |
| 37 | | 3199 | SW | 899 | | 0531-76518241 |
| 38 | | 3200 | E | 369 | | 0531-76655193 |

| | | | | | | |
|----|--|------|----|------|--|----------------|
| 54 | | 3976 | SE | 1761 | | 0531-78615188 |
| 55 | | 3997 | S | 933 | | 0531-76520913 |
| 56 | | 4117 | NW | 903 | | 0531-76526182 |
| 57 | | 4144 | N | 805 | | 0531-76524217 |
| 58 | | 4160 | SE | 367 | | 0531-78615261 |
| 59 | | 4162 | W | 682 | | 0531-76511283 |
| 60 | | 4189 | S | 611 | | 0531-76520040 |
| 61 | | 4212 | NW | 592 | | 0531-76521456 |
| 62 | | 4416 | N | 537 | | 0531-766523146 |
| 63 | | 4509 | SW | 2482 | | 0531-76501233 |
| 64 | | 4601 | W | 468 | | 0531-76503351 |
| 65 | | 4652 | SW | 1677 | | 0531-76636137 |
| 66 | | 4671 | NW | 507 | | 0531-76546267 |
| 67 | | 4676 | SW | 530 | | 0531-76608238 |

3

3.1

[2018]14

M E Q

[- Q1-M2-E1 + - Q2-M2-E3]

3.2

3.2-1

| | | | | |
|---|--|--|--|--|
| | | | | |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |

3.3

DCS

/

1

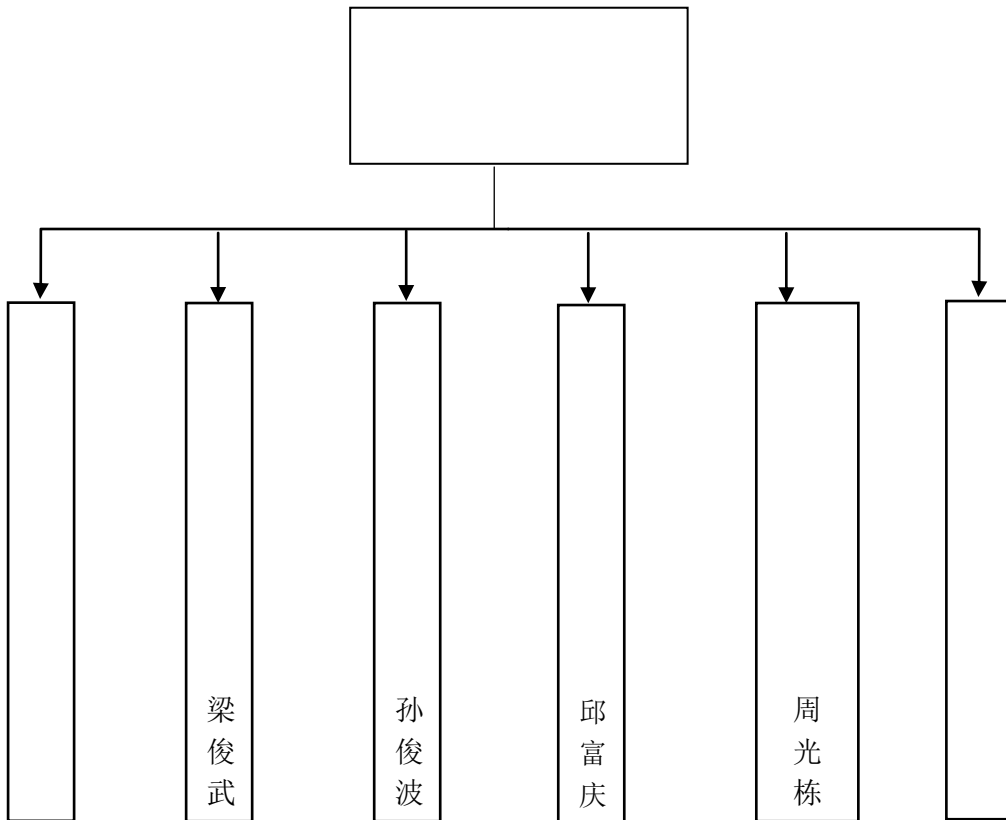
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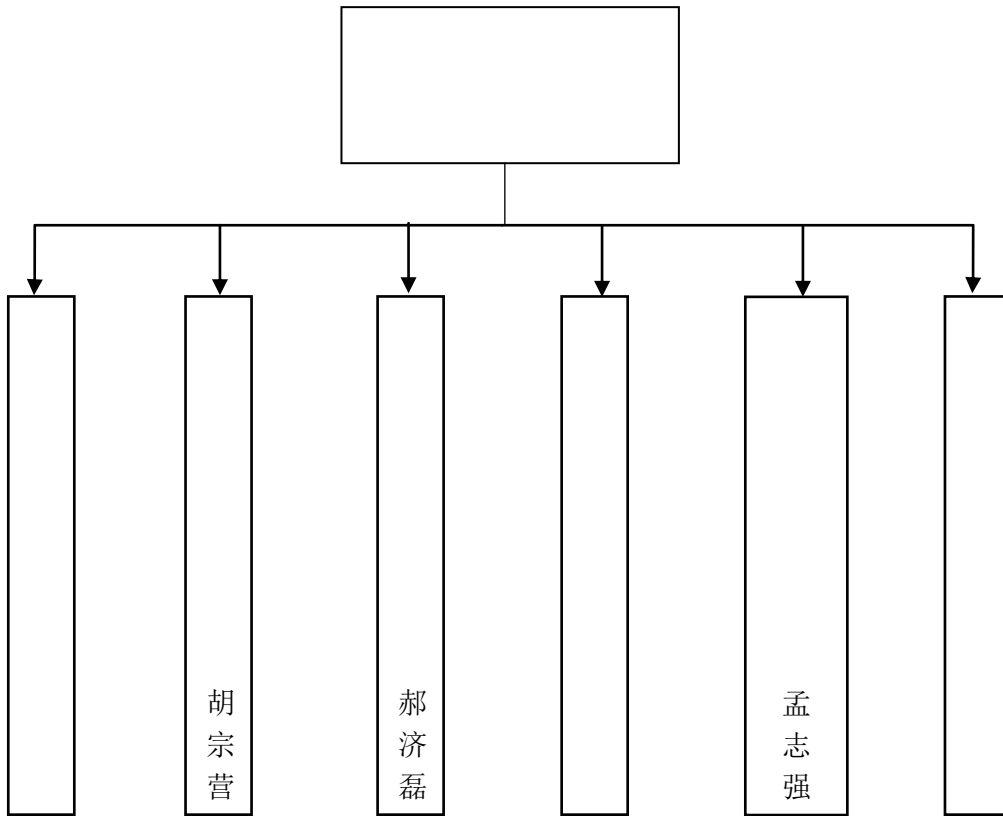
()

4

4.1



4.1-1



4.1-2

4.2

4.2.1

1

2

3

4

4.2.2

1

2

1

2

3

4.2.3

1

2

4.2.4

1

2

3

1

2

4.2.5

1

2

3

1

2

3

4.2.6

1

1

2

3

4

1

2

4.2.7

1

4.2.8

4.3

4.3-1

4.3-1

| | | | | | |
|--|------|---------------------------------|------|--|---|
| | | | | | |
| | 1# | RHZKF | 4 | | |
| | 3# | RHZKF | 2 | | |
| | | PZKF6.8/30 | 2 | | |
| | | RHZKF6.8/30LH2 001 | 2 | | |
| | 4# | RHZKF6.8/30LH2 001 | 2 | | |
| | | RHZKF6.8/30 | 2 | | |
| | | RHZKF6.8/30 | 2 | | |
| | | RHZKF6.8/30 | 4 | | |
| | 5# | RHZKF 6.8/30 | 2 | | |
| | | RHZKF 6.8/30 | 2 | | |
| | | RHZKF 6.8/30 | 2 | | |
| | | RHZRF6.8/30 | 4 | | |
| | 1#2# | RHZK6.8 | 2 | | |
| | 3#4# | TRP:CRP111_144 6.8 30 T | 1 | | |
| | | Type cRP111-144-6.8-30 -T | 1 | | |
| | | 50 | 150m | | |
| | 1# | 35kg | 1 | | |
| | | 8kg | 3 | | |
| | | 4kg | 3 | | |
| | | 35kg | 4 | | 1 |

| | | | | | |
|-------------|------------|------------|---|-------|--|
| | | | | | |
| | | | 2 | 2 | |
| | | 4kg | 2 | 1 | |
| | | 8kg | 1 | | |
| | | 35kg | 2 | | |
| | | 8kg | 3 | | |
| | | 8kg | 3 | | |
| | 3# | MFZ/ABC8 | 2 | | |
| | | MFZ/ABC8 | 2 | | |
| | | MFZ/ABC8 | 2 | | |
| | | MFZ/ABC8 | 1 | | |
| | | MF/5 | 1 | | |
| | | MFTE/ABC35 | 1 | | |
| | | MFTE/ABC35 | 1 | | |
| | | MFTE/ABC35 | 1 | | |
| | 4# | MFZ/ABC4 | 4 | | |
| | | MFZ/ABC4 | 8 | | |
| | | MFZ/ABC4 | 4 | | |
| MFZ/ABC4 | | 7 | | | |
| 4# | MFZ/ABC4 | 11 | | | |
| | MFZ/ABC4 | 4 | | | |
| | MFTZ/ABC35 | 2 | | | |
| | MFTZ/ABC35 | 1 | | | |
| | MFTZ/ABC35 | 2 | | | |
| | MFTZ/ABC35 | 4 | | | |
| | MFTZ/ABC35 | 2 | | | |
| | MFTZ/ABC8 | 3 | | | |
| | 5# | MFZ/ABC4 | 3 | | |
| | | MFZ/ABC5 | 3 | | |
| | | MFTZ/ABC8 | 8 | | |
| | | MFZ/ABC | 2 | | |
| | | MFTZ/ABC8 | 6 | | |
| | | MFTZ/ABC4 | 8 | L1/L2 | |
| | | MFZ/ABC 8 | 6 | | |
| | | MFZ/ABC 8 | 6 | | |
| | | MFZ/ABC 8 | 1 | | |
| MFTZ/ABC35 | | 6 | | | |
| MFTZ/ABC 35 | | 1 | | | |
| MFTZ/ABC 35 | | 1 | | | |
| MFTZ/ABC 35 | 2 | | | | |

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|----------|----------|-----------------------|------|------|--|--|
| | | | | | | |
| | 5# | 16kg | 4 | | | |
| | 2#3# | 8kg | 1 | | | |
| | | 35kg | 1 | | | |
| | 1# | 8kg | 1 | | | |
| | | 35kg | 2 | | | |
| | | MFZL8 MFZ/ABC8 | 50 | | | |
| | | MFTZL35 MFTZ/ABC35 | 20 | | | |
| | | MFZ/ABC8 | 1 | 1# | | |
| | | MFZ/ABC8 | 1 | 1# | | |
| | | MFZ/ABC8 | 1 | 2# | | |
| | | MFZ/ABC8 | 1 | 2# | | |
| | | MFZ/ABC8 | 1 | 1# | | |
| | | MFZ/ABC8 | 2 | 2# | | |
| | | MFZ/ABC8 | 1 | 3# | | |
| | | MFZ/ABC8 | 1 | 4# | | |
| | | MFZ/ABC8 | 1 | 5# | | |
| | | MFZ/ABC8 | 1 | 7# | | |
| | | MFZ/ABC8 | 1 | 8# | | |
| | | MFZ/ABC8 | 2 | 6# | | |
| | | MFZ/ABC8 | 1 | S102 | | |
| | | MFZ/ABC8 | 1 | 2# | | |
| | MFZ/ABC8 | 1 | 3# | | | |
| | MFZ/ABC8 | 1 | XG-1 | | | |
| | MFZ/ABC8 | 1 | XG-1 | | | |
| | MFZ/ABC8 | 1 | | | | |
| | MFZ/ABC8 | 1 | J-3 | | | |
| | MFZ/ABC8 | 1 | J-3 | | | |
| MFZ/ABC8 | 1 | | | | | |
| MFZ/ABC8 | 1 | | | | | |
| MFZL/4 | 1 | YJ-1 | | | | |
| MFZL/4 | 1 | YJ-1 | | | | |
| MFZ/ABC8 | 1 | YJ-2 | | | | |
| MFZ/ABC8 | 1 | YJ-2 | | | | |
| MFZ/L8A | 1 | 1 2 | | | | |
| MFZ/L8A | 1 | 1 2 | | | | |
| MFZ/ABC8 | 1 | | | | | |
| MFZ/ABC8 | 1 | | | | | |
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| MFZ/ABC8 | 1 | | | | | |
| MFZ/ABC8 | 1 | | | | | |

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| | | MFZ/L8 | 1 | FK-1 |
| | | MFZ/ABC8 | 1 | GF-1 |
| | | MFZ/ABC4 | 1 | K403 |
| | | MFZ/ABC8 | 1 | S201 |
| | | MFZ/ABC8 | 1 | 4 |
| | | MFZ/ABC8 | 1 | GF-1 |
| | | MFZ/L8 | 1 | GF-1 |
| | | MFZ/L8 | 1 | GF-1 |
| | | MFZ/ABC4 | 1 | K503 |
| | | MFZ/ABC8 | 1 | 22# |
| | | MFZ/ABC8 | 1 | 22# |
| | | MFZ/ABC35 | 1 | 22# |
| | | MFZ/ABC8 | 1 | 4# |
| | | MFZ/ABC8 | 1 | 4# |
| | | MFZ/ABC8 | 1 | 5# |
| | | MFZ/8 | 1 | 5# |
| | | MFZ/ABC35 | 1 | 5# |

MFZ/ABC4

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| | | MFZ/ABC4 | 2 | 3# |
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| | | MFZ/ABC4 | 6 | 3# |
| | | MFZ/ABC4 | 12 | 3# |
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| | | | | | | |
| | | MF2/ABC 35kg | 1 | | | |
| | | MF2/ABC 8kg | 3 | | | |
| | | MF2/ABC 35kg | 1 | | | |
| | | MF2/ABC 8kg | 2 | | | |
| | | MF2/ABC 4kg | 2 | | | |
| | | MF2/ABC 8kg | 2 | | | |
| | 3# | MT/7 | 2 | | | |
| | | MT/7 | 1 | | | |
| | | MT/7 | 1 | | | |
| | | MT/7 | 2 | | | |
| CO ₂ | | MT/7 | 2 | | | |
| | | MT/7 | 2 | | | |
| | | MT/7 | 12 | | | |
| | 4# | YYJ-836 | 4 | | | |
| | | YYJ-836 | 6 | | | |
| | | YYJ-836 | 1 | | | |
| CO ₂ | | PZ-S203 | 6 | 3# | | |
| | | PZ-S203 | 6 | 4# | | |
| | | PZ-S203 | 1 | 3# | | |
| | | PZ-S203 | 1 | 4# | | |
| | | PZ-S203 | 1 | 3# | | |
| | | PZ-S203 | 1 | 4# | | |
| | 4# | YYJ-836 | 4 | | | |
| | | YYJ-836 | 6 | | | |
| | | YYJ-836 | 1 | | | |
| | | | PZ-S203 | 6 | 3# | |
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| | | | PZ-S203 | 1 | 3# | |
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| | 3# | | YC-8FZD-E3W-52 05 | 4 | | |
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| | | | YC-ZFZD-E3W-S 205 | | / | |
| | | | XIAOFAN6 | 1 | | |
| | | | YC-ZFZD-E3W-S 205 | 3 | | |
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| | | | H002430 | 2 | | |

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| | 5# | YYJ-938 | 4 | | | |
| | | YYJ-938 | 1 | | | |
| | | YYJ-938 | 1 | | | |
| | | YYJ-938 | 1 | | | |
| | | YYJ-938 | 15 | | | |
| | | | YC-ZFZD-E3N-92 09 | 1 | 1# | |
| | | | YC-ZFZD-E3N-92 09 | 1 | 2# | |
| | | | | | 22#8# | |
| CO | 1# | 4888B | 2 | | | |
| | | D1502TIE0671 | 1 | | | |
| | | D1-08D | 2 | | | |
| CO | 2# | DJ-08D | 5 | | | |
| | | DJ-08D | 4 | | | |
| | | CT-1020 | 1 | | | |
| | 3# | | DT-08D | 5 | 2 | |
| | | | DT-08D | 1 | 3 | |
| | | | RB-KY RB-TZ | 2 | | |
| | | | DT-08D | 1 | | |
| | | | 4888B | 1 | | |
| | | | 4888B | 1 | | |
| | | | 4888B | 1 | | |
| | | | 4888B | 1 | | |
| | | | 4888B | 1 | | |
| | | | RB-KY | 1 | | |
| | | | OT-08D | 1 | | |
| | | | DT-08D | 1 | | |
| | | | DT-08D | 1 | | |
| | | | DT-08D | 1 | | |
| | | | D14080038D | 1 | | |
| | | | D14080032D | 1 | | |
| | | | D14080029D | 1 | | |
| | D14080037D | 1 | | | | |
| | D14080026D | 1 | | | | |

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| | | D150211D1050 | 1 | | | |
| | | D150211D1044 | 1 | | | |
| | | D150211D1042 | 1 | | | |
| | 4# | 4888B | 7 | | | |
| | | 4888B | 3 | | | |
| | | 4888B | 9 | | | |
| | | 4888B | 2 | | | |
| | | DT-08D | 6 | | | |
| | | DT-08D | 2 | | | |
| | | | | | | |
| CO | 5# | GT-1020 | 16 | | | |
| | | GT-1020 | 12 | | | |
| | | GT-1020 | 28 | | | |
| | | GT-1020 | 1 | | | |
| | | RB-TZ BB-PZD S) DT-08 DT-08D | 17 | | | |
| CO | | XORYMCS-B | 6 | | | |
| | | DT-08D | 3 | | | |
| | | RB-TZ | 1 | | | |
| | | SK-CO | 1 | | | |
| | | RB T211 | 2 | | | |
| | | WT3411 | 4 | | | |
| | | DT 02 D | 1 | | | |
| | | MD100 | 1 | | | |
| | | | 2 | 1#3# | | |
| | CO | 1# | ImpulseXP | 1 | | |
| | | | IMPCCLS8XP | 2 | | |
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| 3# | | Impulsexp | 1 | | | |
| | | X12140201 | 1 | | | |
| | | X09240397 | 1 | | | |
| | | X10290139 | 1 | | | |
| | | X14290006 | 1 | | | |
| 4# | | IMPULSEXP | 2 | | | |
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| | | MG-01BD | 1 | |

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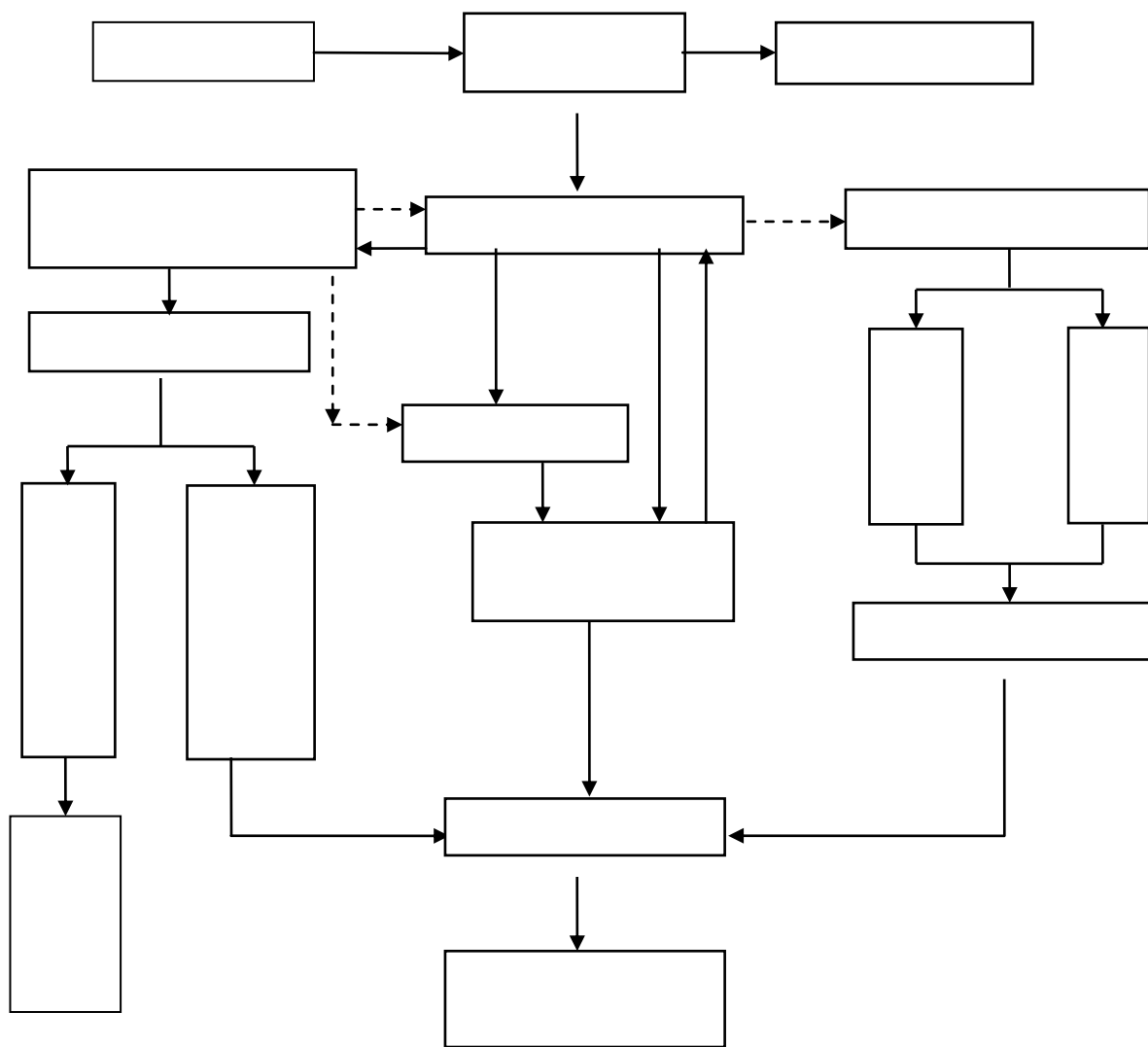
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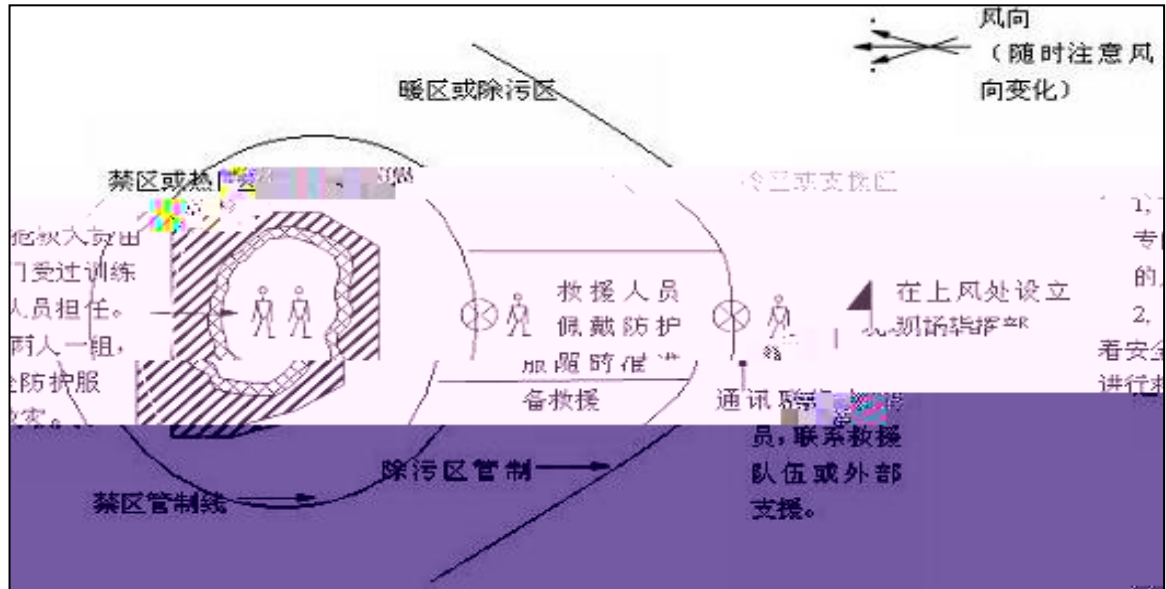
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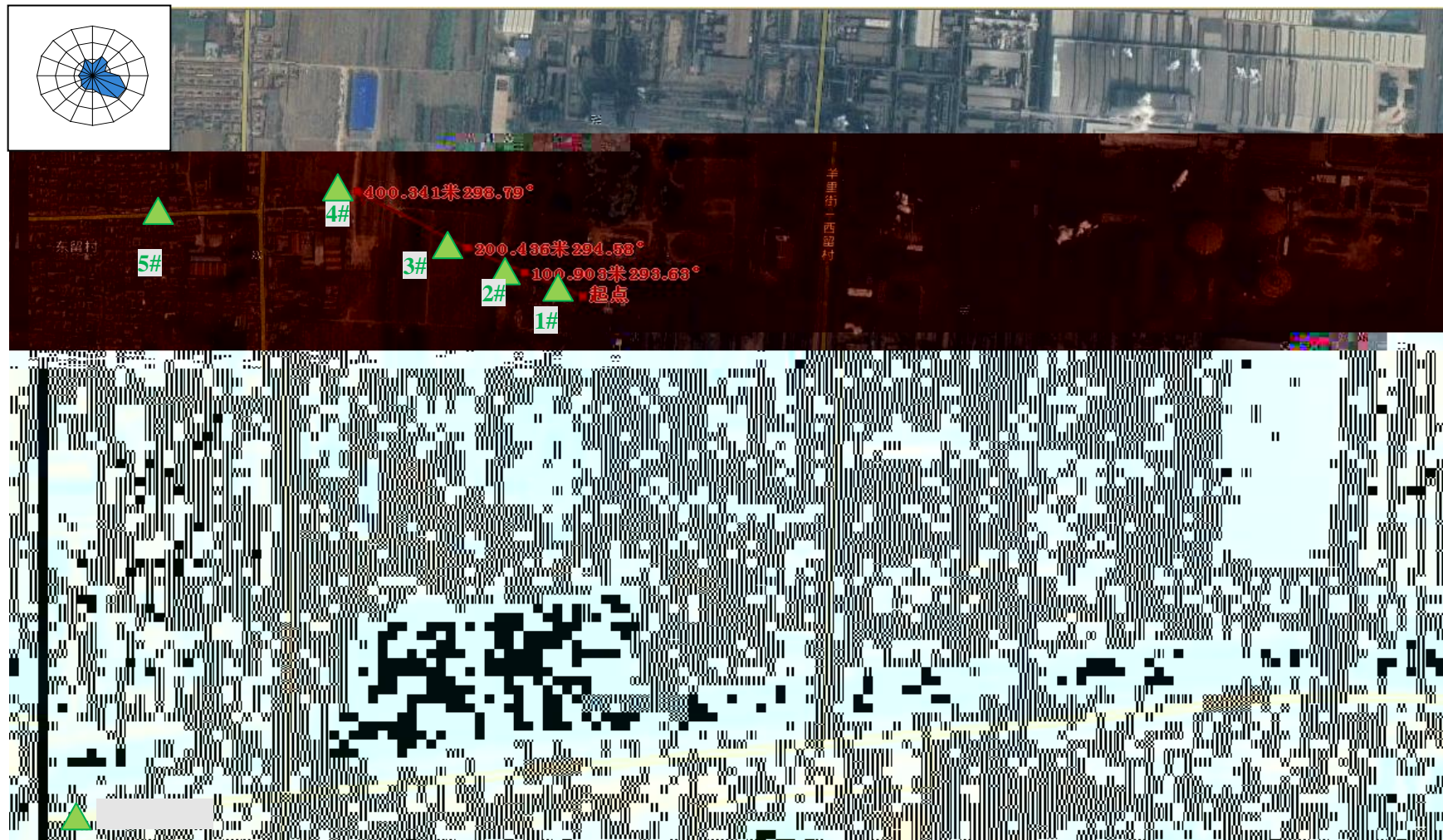
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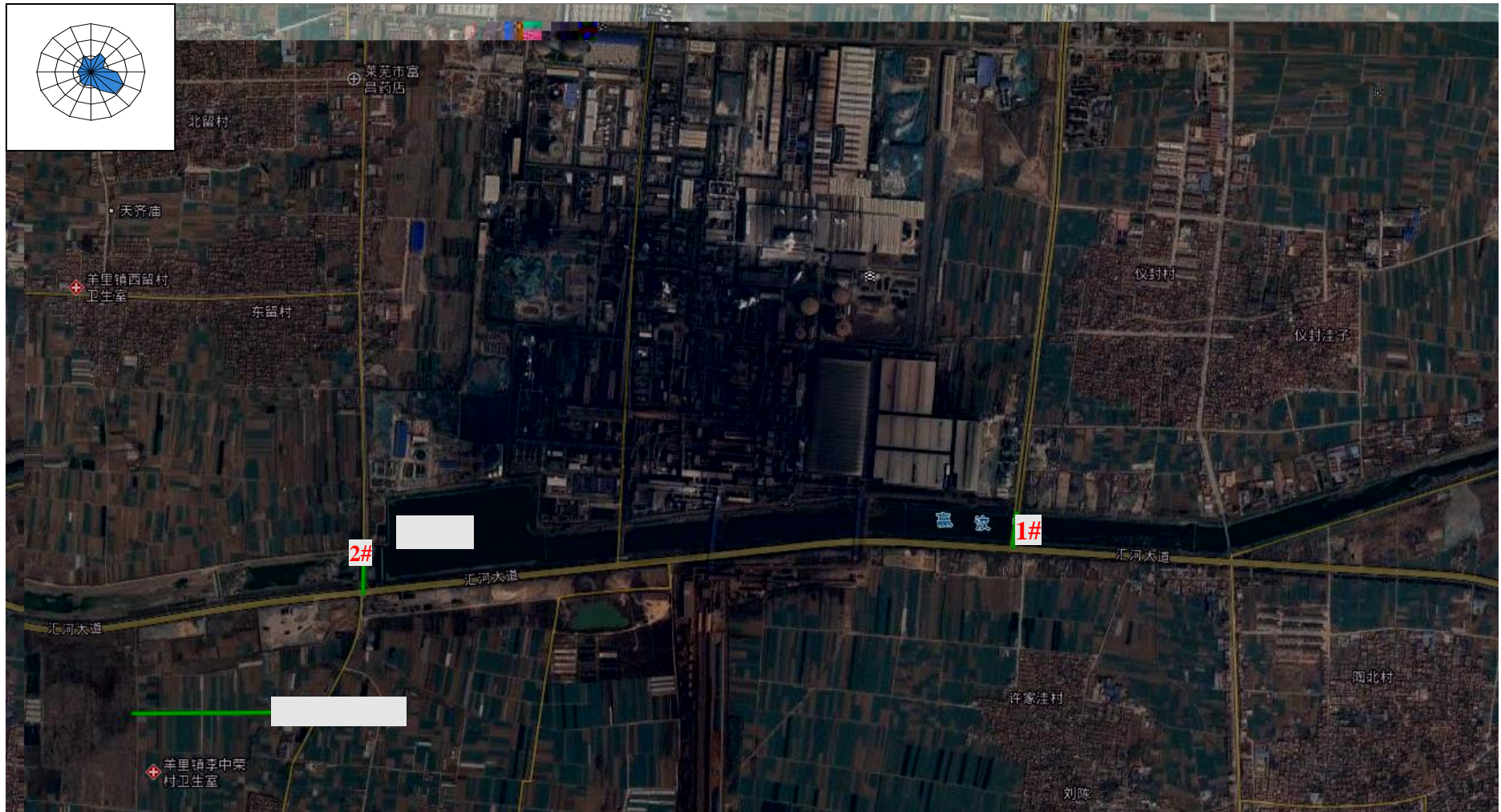
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