, 2021 9 29

WH 2021 1420

2024 9 28

3

1 ..... **1**
1.1 1
1.2 1
2 ..... **2**
2.1 2
2.2 21
2.3 71
2.4 72
2.5 109
3 ..... **112**
4 ..... **113**
4.1 113
4.2 113
4.3 113
4.4 113
4.5 113
4.6 113
4.7 114
5 ..... **115**
5.1 115
5.2 116
6 ..... .

8.1 163
8.2 164
8.3 165
9 166
9.1 166
9.2 166
9.3 169
10 171
..... 173
A .....
A.1 .....
A.2 .....
A.3 .....
B .....
B.1 .....
B.2 .....
B.2.2 .....
B.2.3 .....
B.2.4 .....
B.2.5 .....
B.2.6 .....
B.2.7 .....
B.3 .....
B.4 .....
B4.6 .....
C .....
C.1 .....
C.2 .....
D .....
E .....
E.1 .....
E.2 .....

K

DBNPA 2,2- -3-

DOTP

DINP

HDPE

MVR Mechanical Vapor Recompression

DCS

SIS

GDS: /

UPS

MAC

LD_{50}

LC_{50}

CAS `io

1

2

2.1.2-1

2.1.2-1

	35.30
	-21.10
%	84.7
%	56.7
mm	67.8
mm	171.1
- خفه	

[redacted]

| | | |

2.1.3.2

2.1.3-4

2.1.3-5

2.1.3-1 2.1.3-2

2.1.3-1

				m	m
			GB51283-2020 4.1.6		
3/4			GB51283-2020 4.1.6		
			GB51283-2020 4.1.6		
			GB51283-2020 4.2.9		
			GB55037-2022 3.2.2		
			GB51283-2020 4.2.9		
			GB55037-2022 3.2.2		
			GB50016-2014 3.5.1		
5/6			GB51283-2020 4.2.9		
7/8			GB50016-2014 3.5.1		
			GB51283-2020 4.2.9		
			GB51283-2020 4.2.9		
			GB51283-2020 4.1.6		
			GB51283-2020 4.2.9		

m m

GB51283-2020

4.2.9

GB51283-2020

4.1.5

1 GB51283-2020

4.1.5

GB51283-2020

4.1.5

GB55037-2022

3.2.2

GB50016-2014

3.5.1

GB51283-2020

4.2.9

2020

GB51283-2020

GB55037-2022 GB55037-2022

2. 1.3-2

				m	m
		GB51283-2020	4.2.9		
3/4	2	GB51283-2020	4.2.9		
			1		
		GB51283-2020	4.2.9		
		GB51283-2020	4.2.9		
			9		
		GB51283-2020	4.2.9		
			9		
		GB51283-2020	4.2.9		
		GB51283-2020	4.2.9		
			-		
		GB51283-2020	4.2.9		
	2		9		
		GB51283-2020	4.2.9		
			:9		
		GB51283-2020	4.2.9		
			-		
		GB51283-2020	4.2.9		
		GB51283-2020	4.2.9		
		GB51283-2020	4.2.9		
			9		
		GB51283-2020	4.2.9		
			-		
		GB51283-2020	4.2.9		
5/6	7/8	GB51283-2020	4.2.9		
	2	GB51283-2020	4.2.9		
			-		
	2	GB51283-2020	4m2.9	1283-	
			1		

				m	m
			GB51283-2020 4.2.9 9		
			GB51283-2020 4.2.9		
		1	GB51283-2020 4.2.9		
		20kV	GB51283-2020 4.2.9		
			GB51283-2020 4.2.9 9		
			GB51283-2020 4.2.9 1		
			GB51283-2020 4.2.9		
			GB51283-2020 4.2.9 9		
			GB51283-2020 4.2.9		
			GB51283-2020 4.2.9 9		
			GB51283-2020 4.2.9 9		

GB51283-2020 4.2.9 1
GB50016
GB51283-2020 4.2.9 9
15m 10m 10m

75%
GB50016

GB51283-2020
GB55037-2022 GB55037-2022
GB51283-2020

2. 1.3-

m m

283-20

GB51283-2020 6.2.6

GB51283-2020 6.2.12

GB51283-2020 6.2.12

GB51283-2020 6.2.12

GB51283-2020 6.2.6



		㎡				㎜		
31.								
32.								
33.						8.1		
34.						8.1		
35.					3	12.7		
36.	5/6				5	23.5		
37.					3	12.7		
38.	7/8				5	23.5		
39.						6		
40.						6		
41.					2	8.4		
42.						5.5		
43.					4	14.5		
44.					2	7.5		
45.					3	15		
46.						4.5		
47.					3	14.5		
48.						6		
49.						6.6		
50.				-1			-	
51.				-1			-	
52.							-	
53.							-	
54.				-1			-	
55.				-1			-	
56.							-	
57.							-	
58.							-	
59.	MVR				3			
60.				-1			-	
61.							-	
62.	UASB						-	
63.							-	
64.				-1			-	
65.						5m	-	

1 1.5h

Ь `H ˝ ´

2

3

4.

2.2.1.5

2.2-2

2.2.2-3

2.3.2-2

1

DN200 0.3MPa

PE

DN200 0.3MPa

PE

1

PPR 8m³/h

2

28m³/h

5m³/h 33m³/h

3

2800m³/h

3 Q=500m³/h 4

Q=500m³/h 2 Q=550m³/h 4 GBNL3-700

700m³/h 1 1000m³ 12m³/h

4 Q=600m³/h 5

Q=400m³/h 4 GBNL3-700 700m³/h 1

1000m³ 12m³/h

2

1

/ 1000t/d

/ 1200t/d

3

2

800m³ 2058m³

,

=10× / ×

ha =10× 580/90 × 7.75+5.56 =857.8m³

Ь `H ˝ ´

$972m^3$ 2.4.5

= + +

$=972+0+857.8=1829.8m^3$

4

1

10kV

4 6250kVA

450kW 1000kW

3 2500kVA

2 1000kW

10kV/0.4kV

/

2

1 SIS DCS GDS

UPS

2

Р

Таблица

1			
	16		2
		1	
4 Ω			
2			

100m

9

1Ω

10 , ,

≤4Ω

11

12

DCS SIS GDS

1

1 UPS

2

3μm 1mg/m³ 1ppm

≥0.6MPa ≤-40

2

DCS SIS

DCS GDS

DCS SIS GDS

3 DCS

DCS

DCS

15

1 50%

I/O 20%

3

CPU

1 1 DCS

1:1

I/O 20%

I/O 500V

DCS

4 SIS

1

SIS

2

SIS

3

SIS TÜV

MTBF

SIS

TMR I/O

IEC 61508 SIL3

4 SIS

I

Є

6

2022 9 2023 2 2024 1

7

(HAZOP) (LOPA)

(SIL)

2022 8

SIL 2023 4

2020 1

2022@¶ 8 2023

2 OIT/DC0IT)<

2.4.4-1 SIS

	SIF	SIF	SIL
1			
1	SIF01	R1104A/B/C/D	1
2	SIF02	R1104A/B/C/D	1
3	SIF03	R1104A/B/C/D	1
4	SIF04	V1215A/B/C/D	1
5	SIF05	R1201A/B/C/D	1
2			
1	SIF01	R2201	1
2	SIF02	R2201	1
3	SIF03	R2201	1
4	SIF04	R2301	1
5	SIF05	R2301	1
6	SIF06	R2301	1
7	SIF07	V2201	1
3			
1	SIF01	R3601A/B/C/D/E/F	A
2	SIF02	R3601A/B/C/D/E/F	1
3	SIF03	R3601A/B/C/D/E/F	1
4	SIF04	R3701A/B	2
5	SIF05	R3701A/B	2
6	SIF06	R3901	2
7	SIF07	R3901	2
8	SIF08	R3001	A
9	SIF09	R3001	1
4			
1	SIF01	R3202A/B/C/D	1
2	SIF02	R3202A/B/C/D	1
3	SIF03	R3202A/B/C/D	1
4	SIF04	V3301A/B	1
5	SIF05	V3401A/B	1
6	SIF06	R3301A/B	A
7	SIF07	R3301A/B	1
1	SIF01	V0809A/B	A
2	SIF02	V0809A/B	A
5			

	SIF	SIF	SIL
1	SIF01	V9101A/B/C/D	1
2	SIF02	V9101A/B/C/D	1
3	SIF03	V5201A/B/C/D	1
5	SIF05	R5201A/B/C/D	1
6	SIF06	R5201A/B/C/D	1
7	SIF08	R5301	2
8	SIF09	R5301A/B	2
7			
1	SIF05	R7101A/B/C/D	1
2	SIF06	R7101A/B/C/D	1
3	SIF09	V7201	1
4	SIF10	V7301	1
5	SIF12	R7201	1
6	SIF13	R7201	1
7	SIF01	R7301A TZT-R7301A	1
8	SIF02	R7301A PZT-R7301A	1
9	SIF03	R7201B TZT-R7201B	1
10	SIF04	R7301B TZT-R7301B	1
11	SIF05	R7201B PZT-R7201B	1
12	SIF06	R7301B PZT-R7301B	1
13	SIF07	V7201B PZT-V7201B	1
14	SIF08	V7301B PZT-V7301B	1
8			
1	SIF03	R8201A/B/C/D	1
2	SIF04	R8201A/B/C/D	1
3	SIF07	V8302A/B/C/D	1
4	SIF09	R8301A/B/C/D	1
5	SIF10	R8301A/B/C/D	1

2.4.4-2

2.4.4-2

4					
5			H=2.4m L=0.2m		
6			PL=0.25MPa		
7			≥1100		
8			1150		
9			300~800		
10			180		
11			0~-≤300pa		
12			170~270mm		
13			1100		-
14			500		
15			0.6~0.8Mpa		
16					
17			0~--300pa		
18			650		
19			0~4KPa		
20			190		
21			12%		
1		2.2m DCS	2.2m	H≥2.5m	-
2			100	H≥60	-
3	#â} DCS 0.3m	2.5m DCS 0.5m DCS	H≥2.2m L≤0.5m	LL≤0.3m	0.3m
4			-	-	-

L≤0.1 -

≤0.1Mpa

8 (1

)

21			-	-	-	-
22			-	-	-	-
23		0 50Hz		-	-	-
24				-	-	-
	DCS		-	-	-	-
	PID					
25				H ≥ 210 L ≤ 180	220	230
	200					
	210	180				
26						
				-		-

1

1ppm

3ppm

2

3.5ppm

7ppm

3

21ppm

42ppm

4

3.7ppm

7.4ppm

25%LEL 50%LEL

10 8 4

2 4 /

2.4.4-3 /

1	1	GT-1114~1124	11	( )	
		GT-1203 GT-1205~1212	9	( )	
		GT-1301~1311	11	( )	
		GT-1401~1422	22	ą ąĸ ąŽ Ž (ˊ)	
		GT-1503 GT-1504 GT-1506 GT-1508 GT-1509 GT-1511~1513	8	( )	
2	2	GT-2109 GT-2111 GT-2114~2115 GT-2119~2121	7	( )	
		GT-2202 GT-2205-2211	8	( )	
		GT-2302~2304 GT-2306~2311	9	( )	
		GT-2401 GT-2408 GT-2402 GT-2403 GT-2405 GT-2406 GT-2407 GT-2409	8	( )	
		GT-2501~2503	3	( )	
3	3	GT-2326 GT-2339	2	( )	
		GT-2327 GT-2328 GT-2340	3	( )	
		AT-2323 GT-2329~2330 GT-2341~2342	5	( ) ( )	
		AT-2324~2325 AT-2328~2329 GT-2331~2334 GT-2343	9	( ) ( )	
		GT-2335~2338 AZT-2320 AT-2330~2332	8	( ) ( )	
		AT-2307 AZT-2363~2366 GT-2301~2305	10	( ) ( )	
		AZT-2358~2362 GT-2307~2312	11	( )	
		AZT-2352~2357 GT-2313~2316 GT-2347~2348	12	( )	
		AT-2313 AT-2308~2311	21	( ) ( )	

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		AZT-2343~2351 GT-2317~2320 GT-2344~2346		( )
		AT-2336 AT-2317 AT-2318 AT-2333 AT-2335 AT-2337	11	( ) ( )
		AZT-2341~2342 GT-2321~2323		( )
5		AZT3101~3132	32	
6		GT-6101~6104	4	( )
		GT-6105~GT-6108	4	
7	5/6	AZT0104~0125	22	( )
		GZT0101~0131	31	
8	7/8	AZT-0205~0214 AZT-0219~0226	18	( )
		AZT-0227~0232	6	
		AZT-0233~0235	3	( )
		GZT-0201~0279 GZT-0281 GZT-0282	81	
9		GZT-2001~2009	9	(
		AZT-2029	1	( )
10		GZT-0501~0506	9	
11		AZT-1601~1604	4	
12		GZT-0701~0716	16	

H

Hiaguard DCS GDS DCS

kM GDS SIS GDS KM

SIS DCS IP65

/

1

Exd BT4

IP65

2

RF

3 IP65

4

1

13.32ha

2 400m³

DN100

0.3MPa

13L/s

3312m² 16.2m 53654.4m³

10L/s 20L/s 2h

216m³

13.69m

20L/(min·m²),

200m 2h

14 105L/s

2h 756m³ 972m³

1 220m³

DN100 0.3MPa

6L/s

2

Q=105L/s 87m

1 Q=110L/s 87m

900L Q=1.5L/s,H=45m

23.500m 18m³

1

Q=30L/s H=50m 1 Q=30L/s H=50m

2 1L/s

H=55m SQL800 1.6Mpa

3

52

SS100/65-1.6 9 , 51

150m 120m

30s

2.4.5-1

2.4.5-1

ķ

Ь ̀Н ̃Ң q̃

58		-	-	-	ABC 6kg	
59		-	-	-		8

4

UPS

1

280 °

,

30min UPS

4 1Ω

25mm²

4mm²

5

6 1.3m

30m

7

2.4m

8

9 50V

B1

30mm

1.00h

10 15% 20%

0.2m

€

6		1
7		2
8		5
9		2
10		6

2.5km 5min

7

10

31000m^2 52000m^2

30km

2 23㎡ 2

80/60

650 SQGZ606-688

T=64.5 206W/

2

1 1 2 3/4

12 /h

0.3m

2 1/2/3/5/6/7/8

12 /h , 1/3

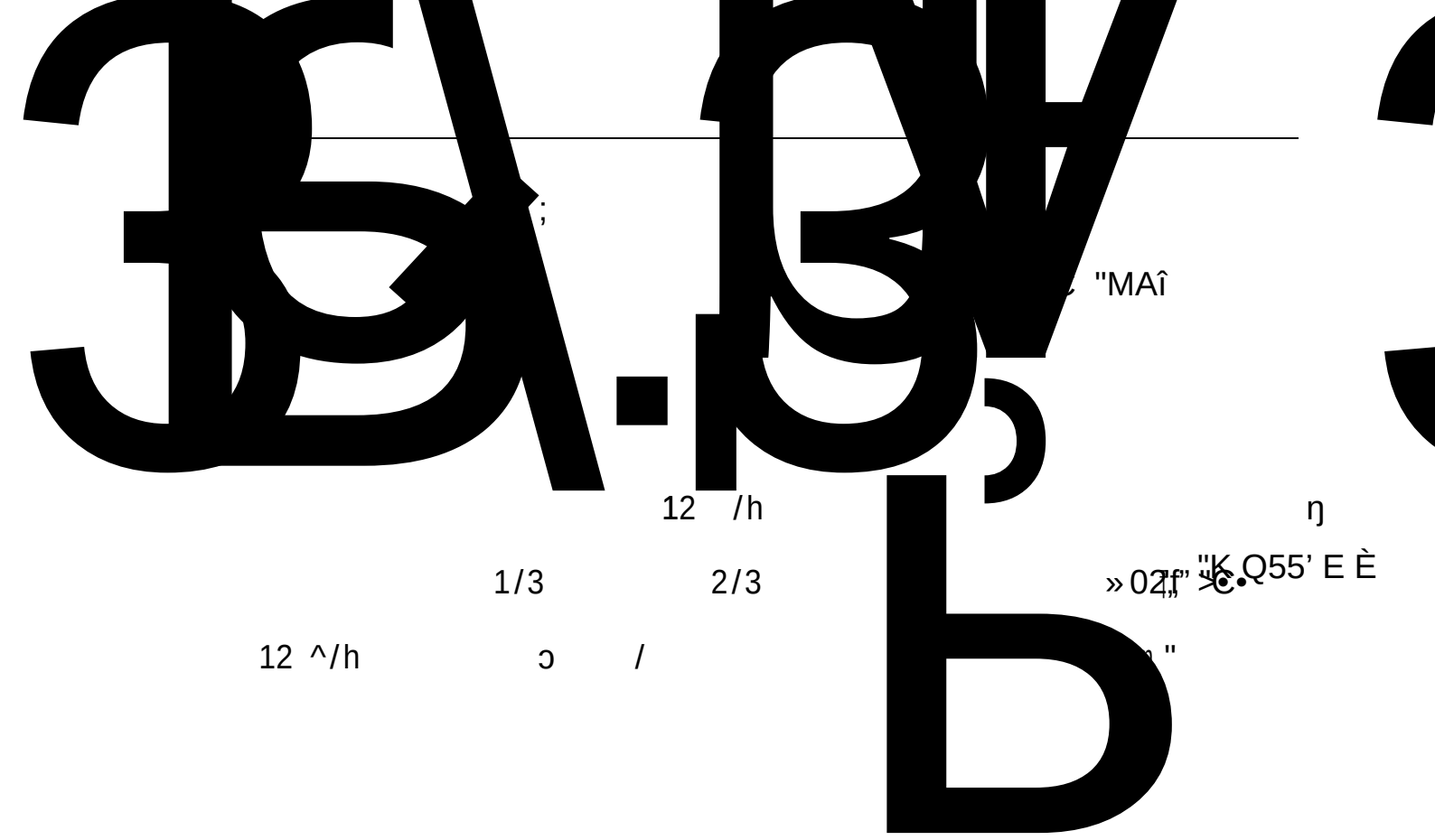
2/3 12 /h

-

12 /h

1/3 2/3

12 /h



1/3 3

4

8 /h

6 /h

0.3 12 /h

5

8 /h 6 /

5 /h 6 /h

10

40 5 /h 10 /h

11

3 /h

12

~

12 /h

13

2kW

40

72kW

40

12kW

40

6 /h

10			4	BT35-11-3.15 Q=2339m3/h N=0.37kW	ExdIIBT4 Gb
11			8	BT35-11-3.55 Q=3367m3/h N=0.75kW	ExdIIBT4 Gb
12			4	BT35-11-3.55 Q=6542m3/h N=0.75kW	ExdIIBT4 Gb
13	1		2	(B T35-11-3.15 Q=4545m3/h N=0.25kW	ExdIIBT4 Gb
14			2	(B T35-11-3.15 Q=3070m3/h N=0.25kW	ExdIIBT4 Gb
15	2		6	(B T35-11-3.15 Q=3810m3/h N=0.25 kW	ExdIIBT4 Gb
16			6	(B T35-11-3.15 Q=3810m3/h N=0.37 kW	ExdIIBT4 Gb
17			4	(B T35-11-2.8 Q=2617m3/h N=0.55 kW	ExdIIBT4 Gb
18			10	(B T35-11-3.15 Q=3810m3/h N=0.37 kW	ExdIIBT4 Gb
19			4	(B T35-11-3.15 Q=3810m3/h N=0.37 kW	ExdIIBT4 Gb
			34	T35-5 Q=7655m3/h H=141Pa N=0.37kW	ExdIIBT4 Gb
			8	DWEX-250-Ex Q=630m3/h H=99Pa N=0.12kW	ExdIIBT4 Gb
20	5/6		6	T35-3.15 Q=3810m/h H=224Pa N=0.37kW	ExdIIBT4 Gb
			2	T35-4.5 Q=5000m3/h H=115Pa N=0.25kW	ExdIIBT4 Gb
			4	T35-2.8 Q=1500m3/h H=155Pa N=0.12kW	ExdIIBT4 Gb
			8	BDFBZ-2.8Q=613m3/h 32Pa N=25W n=1450rpm	ExdIIBT4 Gb
			50	BT35-4.5 380V 50Hz Q=6658658m3/h 158Pa N=0.37kW n=1450rpm	ExdIIBT4 Gb
21	7/8	*	37		

		1	T35-No.2.8Q=2167m³/hH=172PaN=0.18kW
		3	T35-No.4.5Q=4504m³/hH=112PaN=0.18kW
28		2	DZ-Ⅰ-No.2.2Q=400m³/hH=83PaN=0.04kW
		1	T35-No.2.8Q=2167m³/hH=172PaN=0.18kW
29		4	T35-5 380V 50Hz Q=7655m³/h 141Pa N=0.37kW n=1450rpm
33	T35	1	T35-No.2.8Q=2167m³/hH=172PaN=0.18kW
		1	T35-No.2.8Q=

120m³/h·m² 1 HTF-W-6.5, 23044m³/h, 832Pa 280

280

5mm

30mm CAS

120m³/h.m²

1 HTF-W-5.5, 12000m³/h, 592Pa

280

280

5mm 30mm CAS

120m³/h · m² 1

HTF-W-5.5 7250 m³/h 315Pa

280

280

5mm 30mm CAS

5

1

DN200 16t/h

4t/h

6t/h

/

2

3 YSG20FZ 565kW

-10 1 YSVLG8M234H3 1

1080kW(-10) 1 BU-SS-120/-28 120kW

-20 R22 60m³ (-10)

4 (-10) 9 20m³ (-20) 1 (-20)

2

3 YSVLG8M234H3

1080kW(-10) -10 R22

-20 160kw/h R22

60m³ (-10) 4 (-10) 6 20m³ (-20)

1 (-20) 2

1

1# 23Nm³/min 3 2 1

2 25Nm³/min

2 400Nm³/h 99% 800Nm³/h 0.40

0.60MPa 10m³ 2 4m³ 1

2# 4 6m³/min

3 16m³/min 1 0.6 0.65MPa

10m³ 2

3# 23Nm³/min 5 4 1

2 25Nm³/min

2 400Nm³/h 99% 800Nm³/h 0.40

0.60MPa 10m³ 2 10m³ 3

1# PSA 92-95% 12Nm³/h

10m³ 1

1# 3#

2.4.9

1

2

3

FRL

EXd BT4 Gb

15 5

2024 5

2023 1

2023 7

2.5.8

“

”

1-8

5

,

, ,

,

,

5.1-1

5.1-1

1			“ ”	
2		-		
3		-		
4		-		
5				

5.2-1

5.2-1

1			
2			
3			
4			

5.2.2

1

× ×

5.2.2-1 (L)

5.2.2-2 (E)

5.2.2-4 D

	≥	≤	≤	≤	

6

6.1 [illegible]

6.1-1

6.1-1

					2 - 3 - 3 - 3 - 1			12 CC 12.2 OC	6-36.5			
					3			52 OC	1.3-9			-
								-	-			
						8						
		141-78-6	1173						2.2 11.5			

			, 1B		
127-18-4	1897	2064	- , 2		
			- , 2		
			/ , 1B		
	2672		/ , 1		
1336-21-6	10%-		- , 3		
	35%				
			- , 1		
			/ , 1A		
1010-73-2	1824		/ , 1		
			, 3		
			/ , 2		
10337-60-3	1474		- , 1		5.1
			- , 1		
			, 3		
			/ , 2B		
7631-99-4	1498		Q@ , 2		5.1
			- , 1		
			- , 1		
7704-34-9					

		7727-37-9	1066									
		108-38-3	1037		, 3 / , 2 - , 2							
		108-95-2	1671 2312		- , 3* - , 3* - , 3* / , 1B / , 1 , 2 - , 2* - , 2 - , 2							
		68334-30-5	1202					≥				
		50-0-0	1198		- , 3* - , 3* - , 3* / , 1B / , 1 , 1 , 2 , 1A - , 3							
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87.91m 24280.2

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1	SC/BIO(ES).02-2023
2	CX/(ES).17-2023
3	CX/(QES).18-2023
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5	CX/(ES).20-2023
6	CX/(ES).21-2023
7	CX/(S).25-2023
8	CX/(S).26-2023
9	CX/(S).27-2023
10	CX/(S).28-2023
11	AHG/(S).01-2023
12	AHG/(ES).02-2023
13	AHG/(ES).03-2023
14	AHG/(QES).04-2023
15	AHG/(S).05-2023
16	AHG/(S).06-2023
17	AHG/(S).07-2023
18	AHG/(S).08-2023
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24	AHG/(S).14-2023
25	AHG/(S).15-2023
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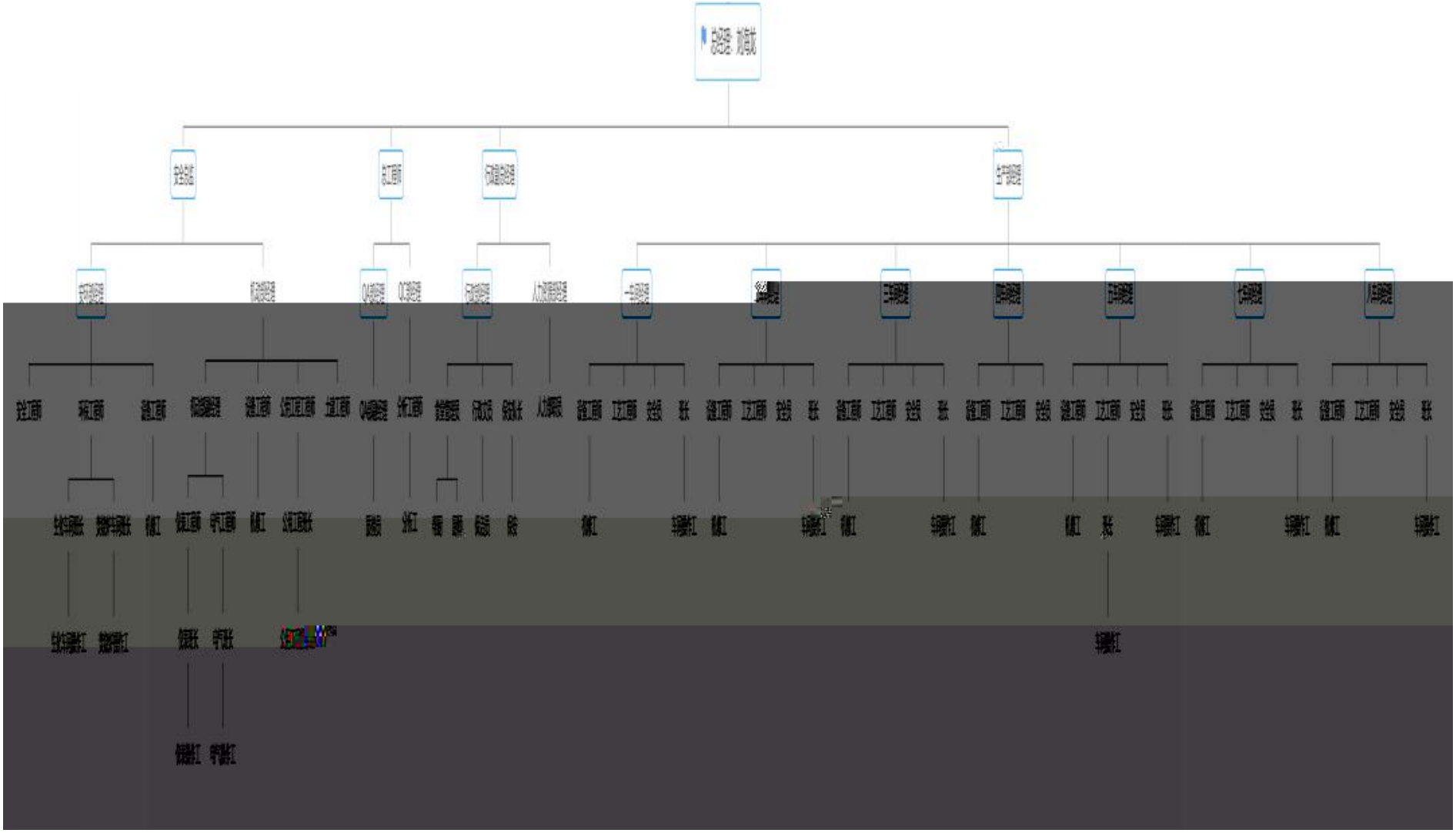
1	1PME	2023 7 28	1
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6	2DCOIT	2023 8 25	2
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11	3MBIT	2021 8 6	3
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14	3MVR-2	2021 12 22	3
15	4PME	2023 7 28	4
16	4PMA	2023 7 28	4
17	4CIT/MIT-14	2023 7 28	4
18	4MIT-50	2023 7 28	4
19	4CIT/MIT-PG10	2023 7 28	4
20	4CIT/MIT-14M	2023 7 28	4
21	5BIT	2023 7 25	5
22	5	2023 7 25	5
23	7POA	2024 5 14	7
24	7OIT	2024 5 14	7
25	7DCOIT	2024 5 14	7
26	8PME	2023 7 28	8
27	8PMA	2023 7 28	8
28	8CIT/MIT	2023 7 28	8
29	8CIT/MIT-14M	2023 7 28	8
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34	( )	2023 1 2	
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47	DCOIT LGZ1250	2023 1 2	
48	LWL-450	2023 1 2	
49	PHB-3	2023 1 2	
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13			4	4	-6	10	-12
14		4		4	-6	10	-12
15		7		1	-3	7	-9
17		7		1	-3	7	-9
18	7			4	-6	10	

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	AT-2336 AT-2317 AT-2318	( )			
20	AT-2333 AT-2335 AT-2337		11	4	
	AZT-2341~2342 GT-2321~2323	( )			
21	AZT3101~3132		32		
22	GT-6101~6104		4		
23	GT-6105~GT-6108	( )	4		
24	AZT0104~0125	( )	22	51-2	
25	GZT0101~0131		31	53-5	5
26	AZT-0205~0214 AZT-0219~0226	( )	18	7/8 3-5	
27	AZT-0227~0232		6	8 1 3 4 5	
28	AZT-0233~0235	( )	3	8 4 5	7/8
29	GZT-0201~0279 GZT-0281 GZT-0282		81	7/8 1-5	
30	GZT-2001~2009		9		
31	AZT-2029	( )	1		4
32	GZT-0501~0506	A	9		8
33	AZT-1601~1604		4	S T	
34	GZT-0701~0716		16		
35	AZT-0801~0824	( )	24		
36	GZT-0907~0911		5		
37	GZT-0918~0919		2		
38	GZT-0901~0912	( )	12		32
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		200		—	1	4	
		201		—	1	1	
		202		—	1	2	
		203		—	1	3	
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		205		—	1	5	
		206	2	—	1		
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		210	4	—	1		
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		215	9	—	1		
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226	5	—	1			
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2		—	79	1	1F	1
3		—	94	1	2F	1
4		—	45	1	3F	1
5		—	88	1	4F	1
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7		—	7	1	6F	1
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9		—	6			1
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12		—	2			1
13		—	41	2	1F	2
14		—	34	2	2F	2
15		—	31	2	3F	2
16		—	37	2	4F	2
17		—	45	2	5F	2
18		—	5	2	6F	2
19	2	—	1	1		2
20		—	41	3	1F	3
21		—	34	3	2F	3

		40		—	41	1F	7
		41		—	34	2F	7
		42		—	31	3F	7
		43		—	37	4F	7
		44		—	45	5F	7
		45		—	5	6F	7
		46		—	41	1F	8
		47		—	34	2F	8
		48		—	31	3F	8
		49		—	37	4F	8
		50		—	45	5F	8
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	34		—	2			
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	40	0	PZ-8905	38			
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	42		PZ-8905	5			
	43		PZ-8905	5			
	44		PZ-8905	3			
	45		BAYD-b*	78	1		1
	46		BAYD-b*	78	2		2
	47		BAYD-b*	114	3/4		3/4
			BAYD-b*	112	7/8		7/8
			BAYD-b*	111	5/6		5/6
			BAYD-b*	21			1
	48		BAYD-b*	6			
	49		BAYD-b*	2		1	
	50		BAYD-b*	6		2	
1							
	1			——			
2	1		450KW	1			
	2		1000KW	3			
	3	UPS	25kV.A	2			
	4		8kg	10			4
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3		1	6	15	90	
4		1	6	3	18	
5		1	6	15	90	
6		1	6	7	42	
7		1	6	7	42	
8		1	6	3	18	
BIT						
1		1	6	15	90	
2		1	6	15	90	
3		1	6	15	90	
4		1	6	15	90	
5		1	6	15	90	
6		1	6	3	18	
7		1	6	3	18	
OIT						
1		1	6	15	90	
2		1	6	15	90	
3		1	6	15	90	
4		1	6	3	18	
5		1	6	15	90	
6		1	6	3	18	
1		1	6	7	42	
1		1	6	7	42	
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4		1	6	7	42	
5		1	6	15	90	

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=1)2.48 LC50 850mg/m^{3}1

LC50 618mg/m^3

1 - 0m

1.1m 2.2m 0m

2 5 1.18m

6.24m 12.14m 1.5m

3

1 405.91m

87.91m 24280.2

2 673.75m

37.75m 4475.87m^2

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