

呼和浩特红泉 220 千伏变电站第三台主变  
扩建工程

建设项目竣工环境保护验收调查报告表

建设单位：内蒙古电力(集团)有限责任公司呼和浩特供电分公司

调查单位：河南蓝天环境工程有限公司

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建设单位法人代表（授权代表）： (签名)

调查单位法人代表： (签名)

报告编写负责人： (签名)


( )

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011517

453000

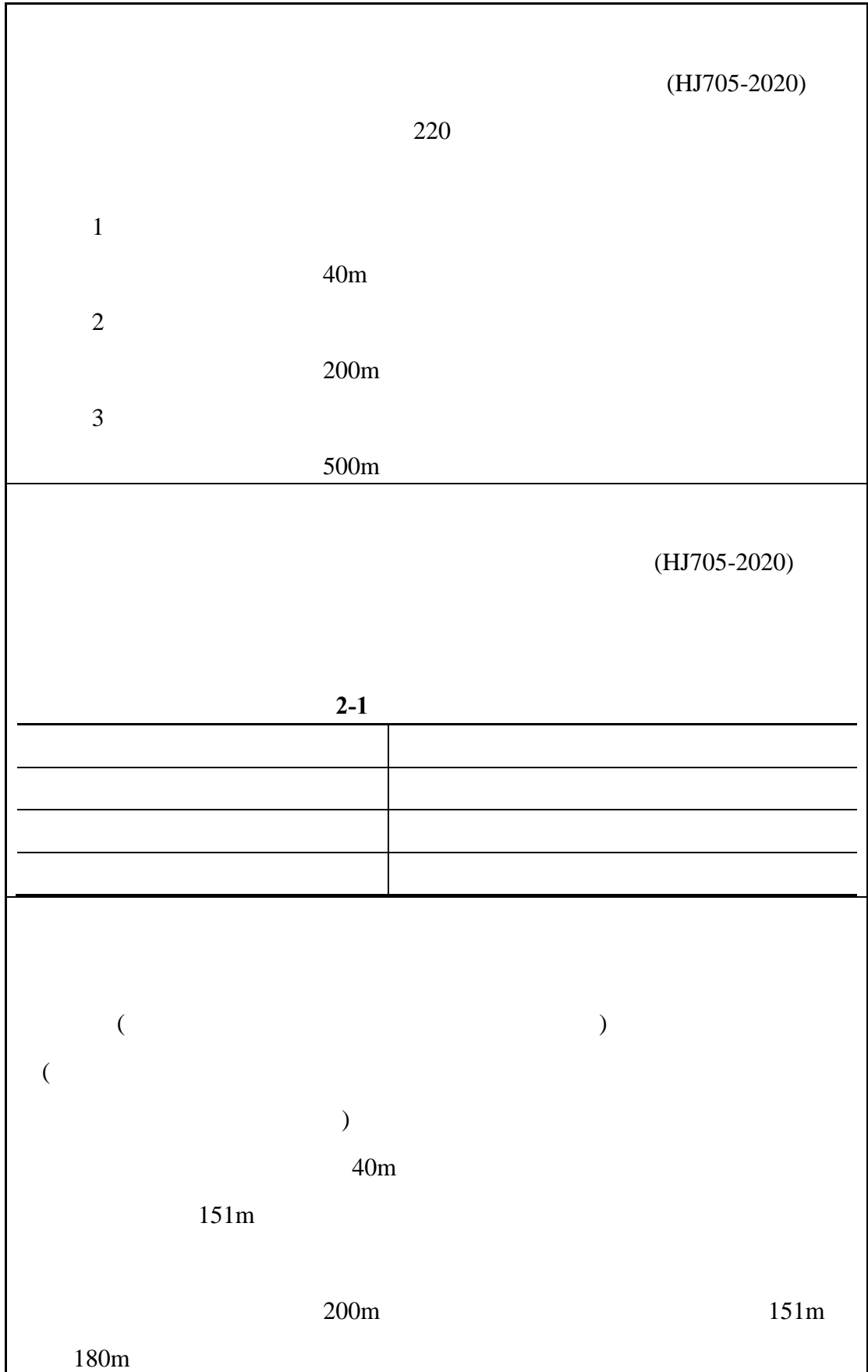
38 3802

1	.....	1
2	.....	3
3	.....	5
4	.....	7
5	.....	10
6	.....	15
7	.....	22
8	.....	28
9	.....	32
10	.....	34

- 1
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- 3
- 4
- 5

	220				
	( )				
/					
	15621938006		/		011700
	<input checked="" type="checkbox"/>				55-161
	220				
			[2024]319		2024.11.20
			[2024]39		2024.4.22
			[2024]1318		2024.12.27
( )	1641	( )	27		1.65%
( )	1650	( )	30		1.82%

	(1# ) 180MVA 2×1×12Mvar		2025.9
	(1# ) 180MVA 2×1×12Mvar		2026.3
	(1)2024 4 22 220 ( [2024]39 ) (2)2024 10 220 (3)2024 11 20 220 ( [2024]319 ) (4) 2025 9 2026 3		



2-2

1		151m	1	3m	
2		180m	1	3m	

500m

1

2

3

4

5

6

7

(GB8702-2014)

**3-1**

		4000V/m
	(GB8702-2014)	

(GB12348-2008)

GB 3096-2008

**3-2**


55dB(A)

(GB12523-2025)

70d(A)

1. 2015 1 1
2. 2018 12 29
3. ( 682 ) 2017 10 1
4. 2020 9 1

5. ( 2017 4 ) 2017  
11 20
6. 2021 12 14
7. (GB12523-2025)
8. (GB50217-2018)
9. (HJ705-2020)
10. ( ) (HJ681-2013)
11. (HJ1113-2020)
12. < ( )> ( 2016 84 )

<p>1 180MVA</p> <p style="text-align: right;">110°59'20.05" 41°6'54.80"</p>			
1	<p>(1# ) 180MVA 2×1×12Mvar</p>		
2	<p style="text-align: center;">4-1</p>		
<p>( )</p>			
1	<p style="text-align: right;">24369m<sup>2</sup></p> <p style="text-align: right;">220kV</p> <p style="text-align: center;">35kV 35kV</p> <p style="text-align: center;">110kV</p> <p>220kV</p> <p style="text-align: center;">(HGIS) 35kV</p> <p>35kV 35kV 35kV</p> <p style="text-align: center;">110kV</p> <p style="text-align: center;">(HGIS) 311</p> <p>250m</p>		

2

1#

4-4

( )

( )

220

**4-5**

1		220kV	220kV	
2	30%	(1# ) 180MVA	(1# ) 180MVA	
3	30%			
4	500m	/	/	
5	500m 30%			
6				
7	30%	151m	151m 180m	
8				
9				
10	30%			

220

2024 10

1

1

2

220kV

3

2

40m

(GB12523-2011)

(

70dB(A))

150m

(GB3096-2008)2

(

60dB(A))

3

15m

4

5

1

220kV

220kV

5m

8.458~310.6V/m

0.055 1.336 T

100 T

4000V/m

2

1#

31 35.266dB(A)

1#

36dB(A) 40dB(A)

35dB(A)

36dB(A) 1#

37.19dB(A)~41.11dB(A)

36.46dB(A)~38.66dB(A)

GB12348-2008 2

39.31dB(A)

37.49dB(A)

GB3096-2008 2

3

4

(2021 ) (

15 )

HW31

900-052-31

HWO8

900-220-08

5

6

75m<sup>3</sup>  
(GB50229-2019)

100%

2mm

10<sup>-1</sup>cm/s

(GB18597-2023)

100%

7

220

220

( [2024]319 )

( )

220

( )

220KV

1×180MVA

GB8702-2014

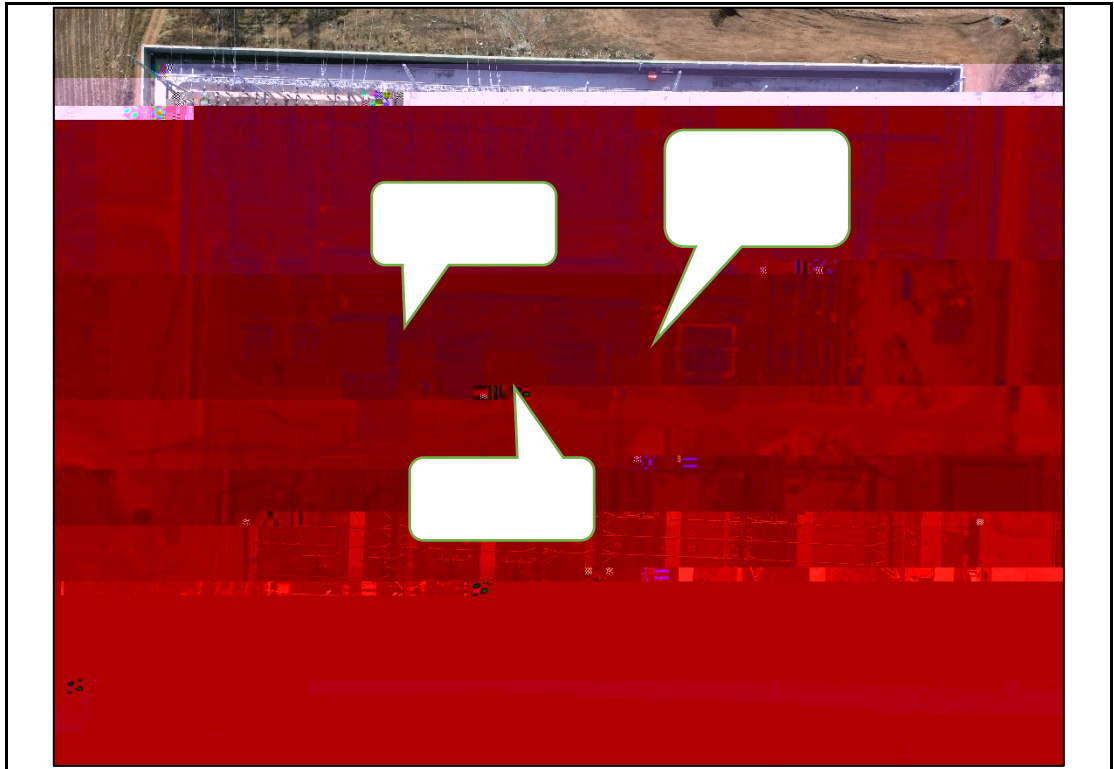
2024 11 20

		(1)	9
		(2)	
	(3)		

			(4)	
			(1) (2) (3) (4) (5) (6) (7)	
			(1) (2) (3)	

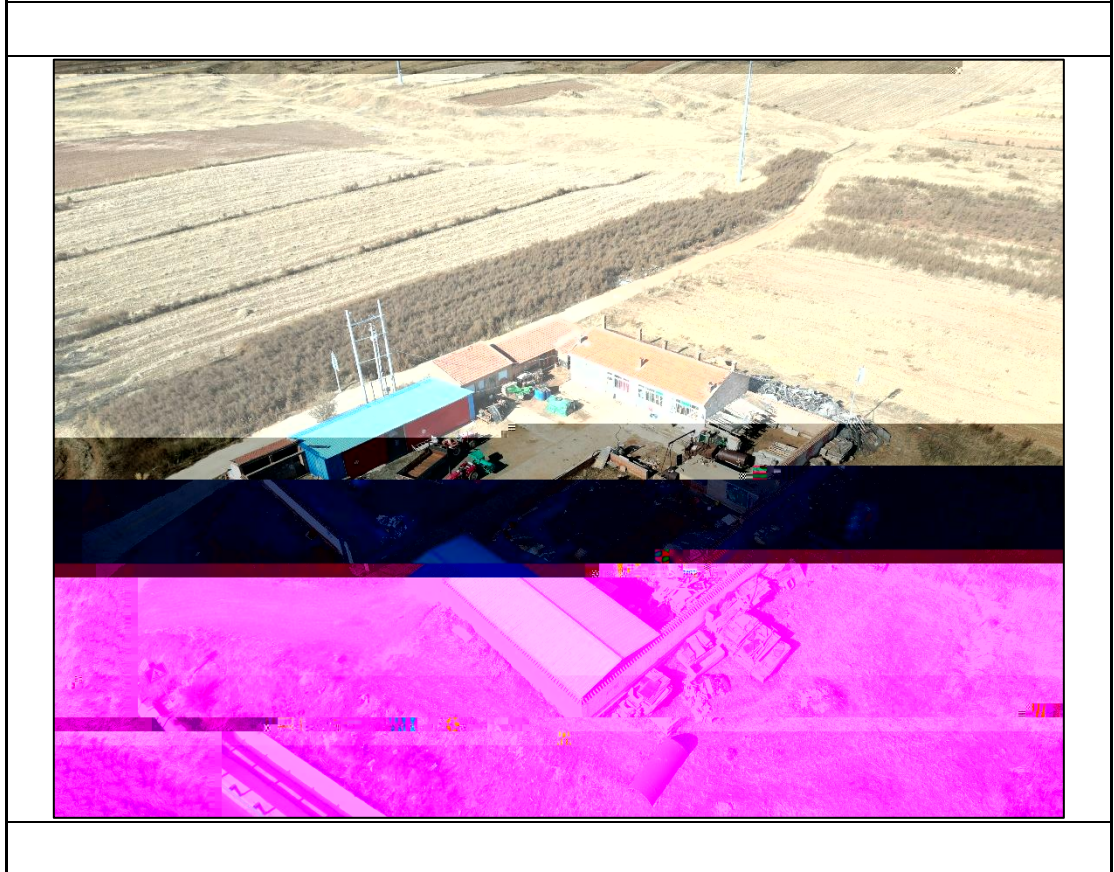
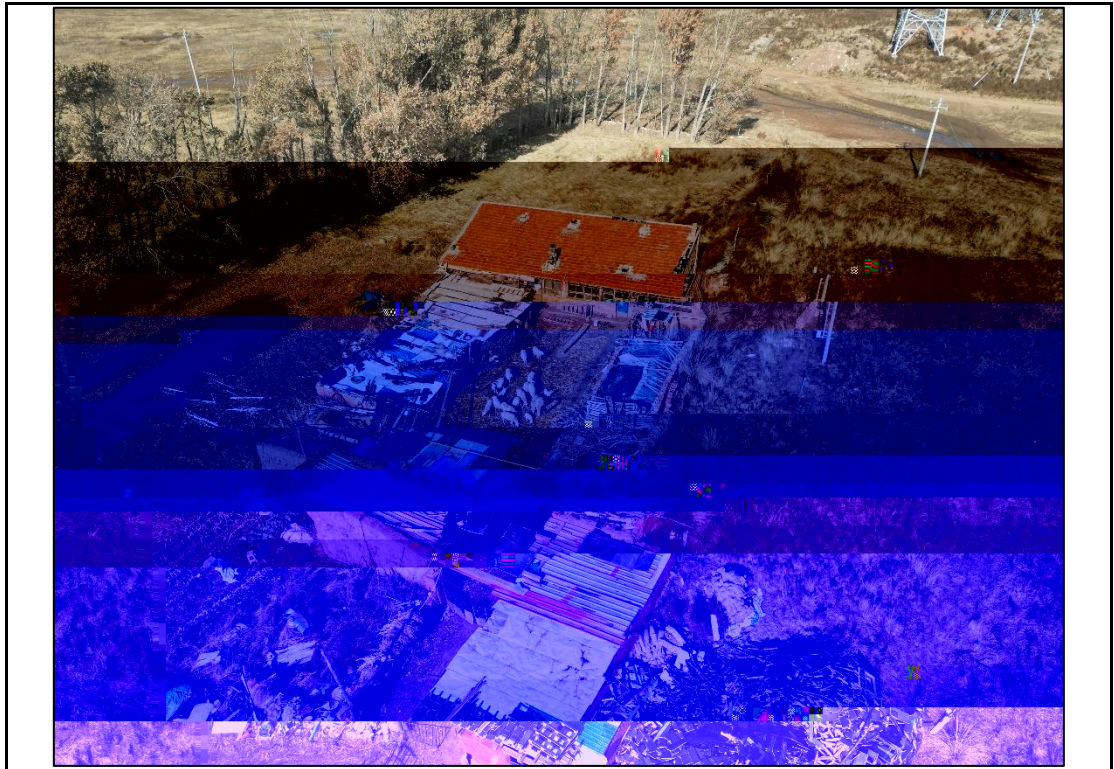
		(4)	
		(5)	
		(6)	
		(7)	
		(8)	
		(9)	
		(1)	
		(2)	
		(3)	

		(1)		
		(2)		
		(3)		
		(1)		
		(2)		
		(3)		



1#





6-1

1

2

1

2



7-1

1

<b>2</b>					
<b>7-1</b>					
			°	m/s	
<b>1</b>					
<b>7-2</b>					
1		SEM-600	0.5V/m~100KV/m 10nT~3mT	JS-YQ- 004	2027.4.7
<b>2</b>					
<b>7-3</b>					
			<b>(kV)</b>	<b>(A)</b>	
<b>7-4</b>					
				<b>(V/m)</b>	<b>(μT)</b>



2

2

1

2



8

1

2

7-5

		°		m/s	

<b>1</b>					
<b>7-2</b>					
1		AWA5688		JS-YQ-001	2026.5.1 3
2		AWA6022A		JS-YQ-003	2027.4.7
<b>2</b>					
<b>7-3</b>					
			<b>(kV)</b>	<b>(A)</b>	
<b>7-8</b>					
				<b>/dB(A)</b>	<b>/dB(A)</b>

1				
2				
GB12348-2008 2 (GB3096-2008)				
2				

		( )	
		(2021 )	
	(2021 )	( [2021]78 )	
<b>2</b>			
			(
	(2023)86 )		
	(2023 )		
<b>3</b>			
	220kV		
<b>4</b>			
<b>5</b>			

<b>1</b>
<b>2</b>
<b>3</b>
<b>4</b>

1

220kV

220kV

33.14-116.88V/m

0.3101-

GB8702-2014

4000V/m

2

220kV

45.8-

52.2dB(A)

39.3-43.2dB(A)

GB12348-2008 2

60dB(A)

50dB(A)

45.6-51.6dB(A)

39.3-44.4dB(A)

(GB3096-2008)2

60dB(A)

50dB(A)

3

4

5

75m<sup>3</sup>

GB50229-2019

100%

2mm

-10cm/s

GB18597-2023

100

1

2

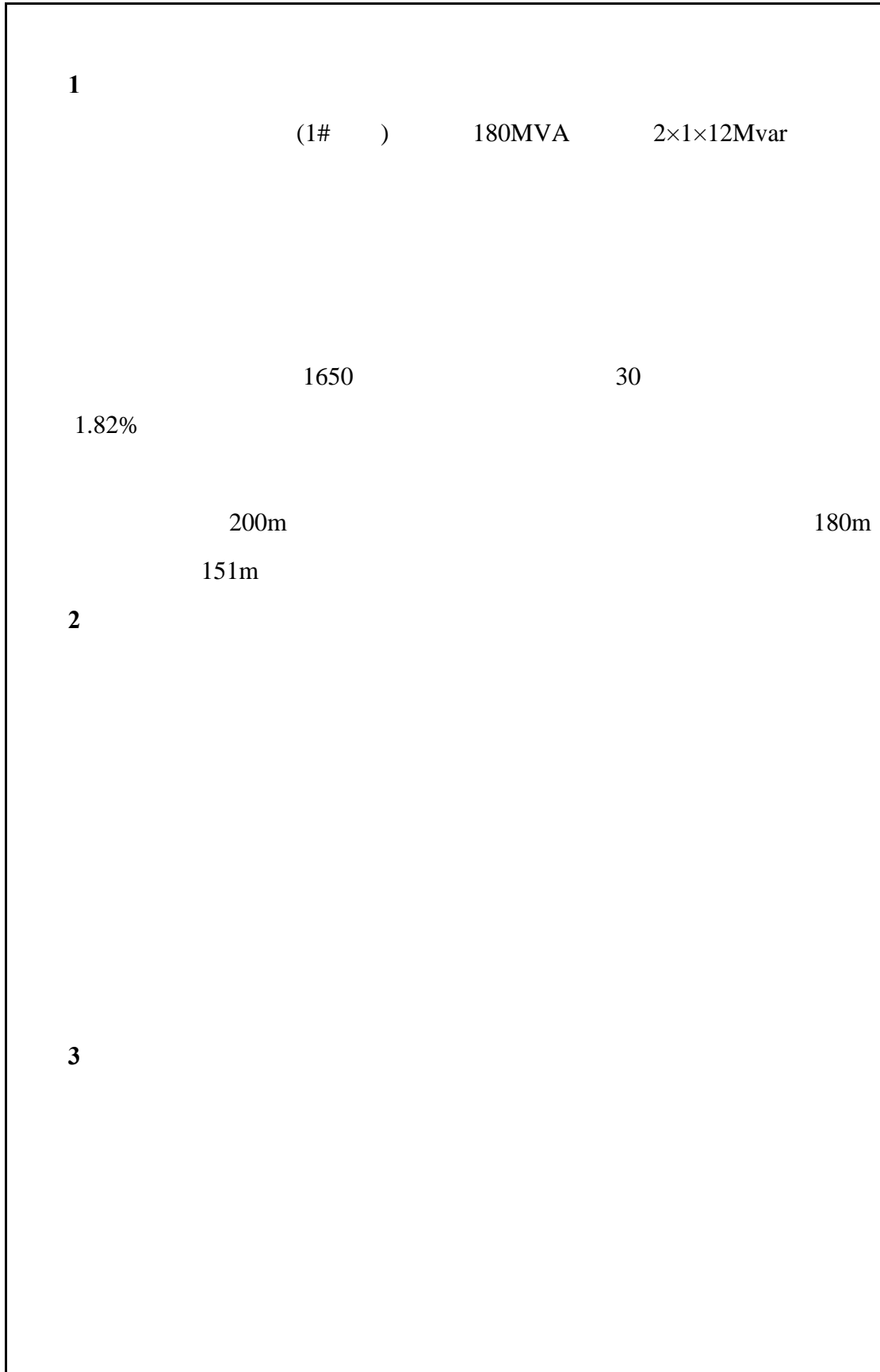
( )

9-1

1			5m	1.5m
			HJ681-2013	
2			1m	1.5m
			A	

			GB12348-2008	
3				

# 10



4

4

5

6

( )

220