.....2
.....3
1. 5
1.1 5
1.2 6
1.3 6
2. ESG 8
2.1 8
2.2 8
2.3 10
3. 12
3.1 12
3.2 13
3.3 14
3.4 15
3.5 16
4. 17
4.1 17
4.2 20
4.3 21
5. 23
5.1 24
5.2 26
5.3 29
5.4 30
6. 31
6.1 31
6.2 32
6.3 35
6.4 38
.....39
ESG 40
GRI GRI 43

ESG

2023 1 1 -12 31

“ ”

GRI GRI GRI

standards 1 ——

2023 12 2030

“ ” “ ”

“ ” “ ” “ ” “ ” “ ”

https://www.chinaztt.cn/socialResponsibility/149.html

ztrfc@chinaztt.com

2004

“ ”

2023 “

”

ESG 38 13 4

/ 2 1

ESG

“ ”

2023 ISO 9001 TL9000

IECQ QC080000 CRCC

2023

/ 24 9

“ ”

2023 “ ”

ISO 45001

“ ”

170

2024 “ ”

2024 20

“ 1.0 ” “ 2.0 ”

“ ”

1.

1.1

2004 12

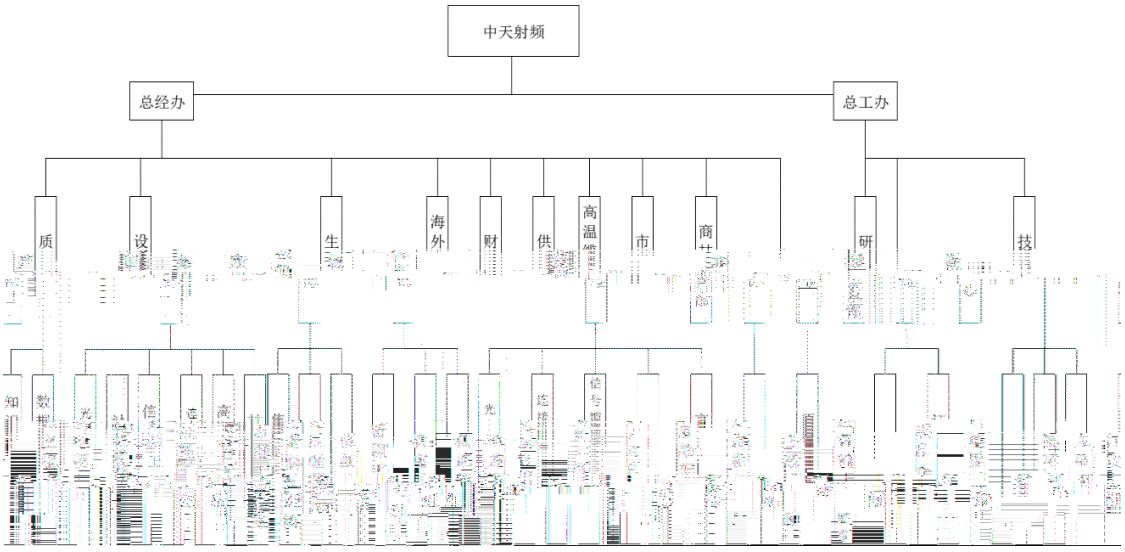
50000 2023

AAA A 2

——

5G

5G “ ”



1.2

5G

“ ” “ ”

——

“ ”

1.3

	2023	
	2023	
	2023	
	2023	
	2023	
AA	2023	
	2022	
	2022	

2021	2021	
2021	2021	
2021	2021	
	2021	
	2017	
	2015	

2. ESG

2.1

ESG

		/

2.3

19

ESG

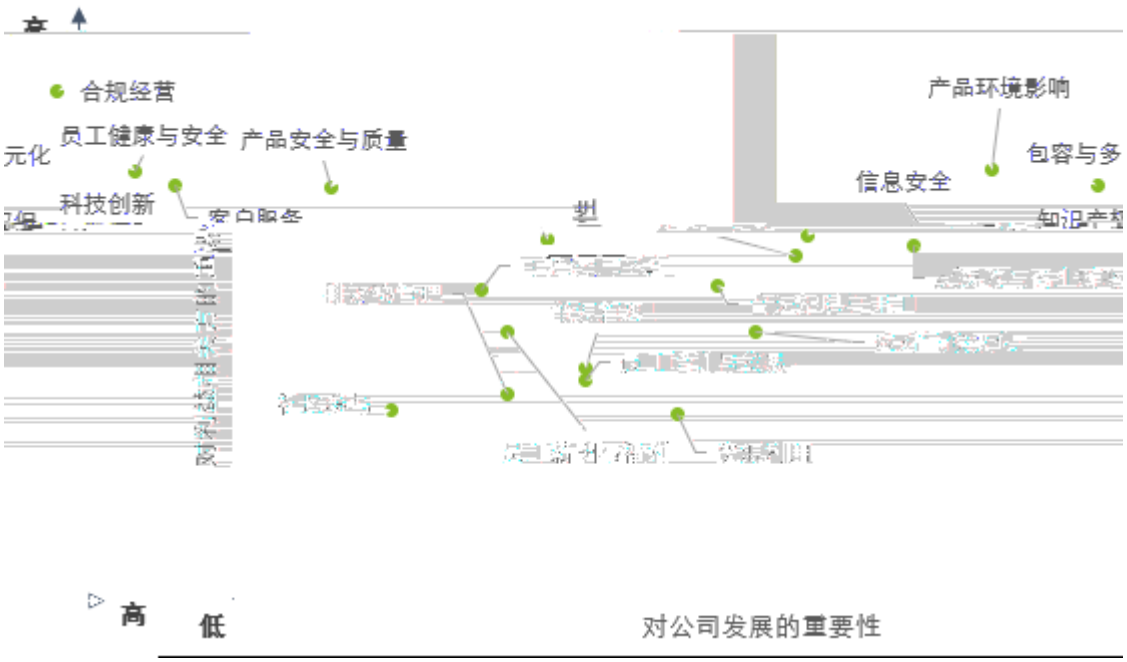
5	12	2

2023 ESG

88

ESG

ESG



3.

“ ”

2023 **0**

2023 **58** **66**

3.1

“ ” “ ”

2023 ISO 9001 TL9000 IECQ QC080000 CRCC

管理体系认证证书
Certificate for Management System

IECQ Certificate of Conformity
Hazardous Substance Process Management
SGS

2023

3.2

“ ”

2023

2023

2023

95.01% 2.53%

2023

BTS

FTTA

3.3

CSR

7 CSR

2023 118

CSR

HSF

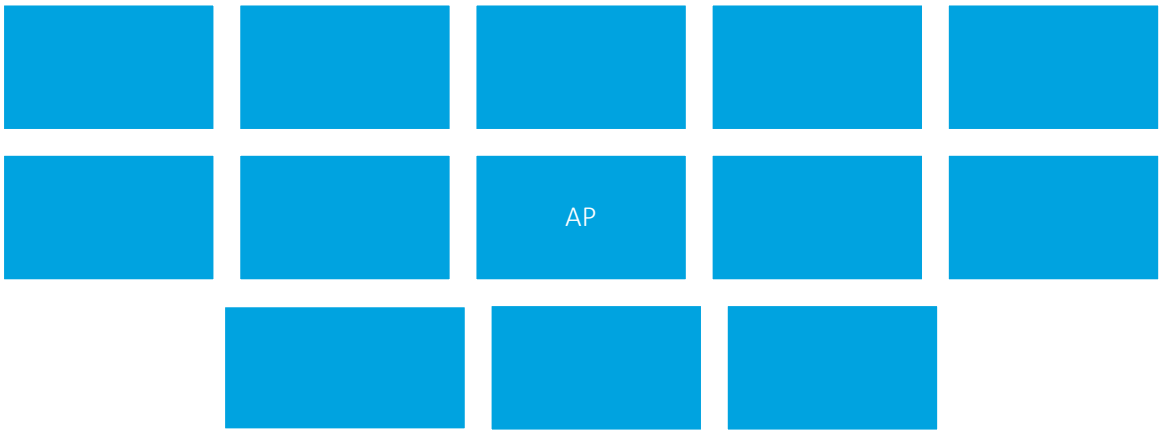
SRM

CSR

SRM CSR

2023 58 66

Lo CS+NbAlO CXG en-USO0 n612 792E08 12en-Un612 5912341 E26E9/F4 100000912 BT/F5 1D24WD1 7974Ca51 79C0A



2023

3.5

CSR

zttic@chinaztt.com

2023

4.

“ ”

2023 / **24**

2023 **168** **162**

57 **6**

4.1

2023 89 19%

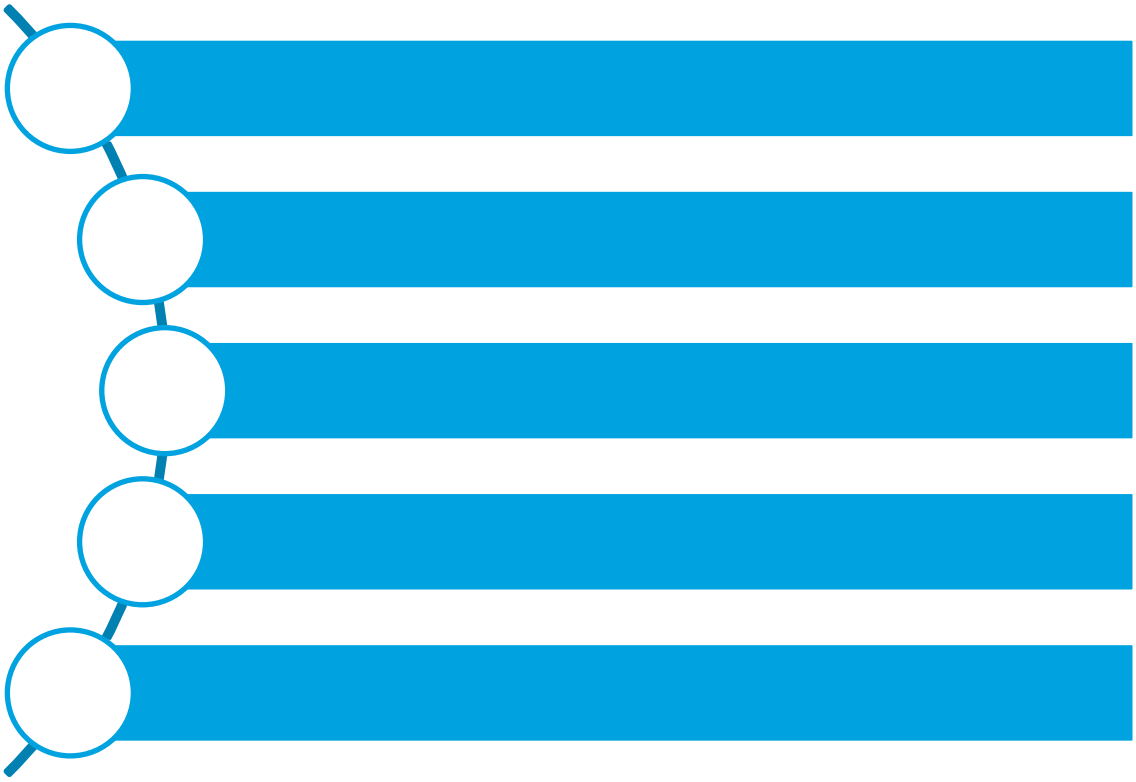
CBTC

2022			
2021			

2021	3		
2021			
2021			
2020	5G		
2019			
2015			

2021

“ ” 2023-2025 “ ”



2025 28 2023 12 10

6

5G	AGV	• 25% •

		• 80% •
	5G 5G	• • 87.5%
PTFE	PTFE	• 1‰ • 60% •
		• 50% •

4.2

“

”

2023 42 4 PCT 38

13 4

2023

270 **113** PCT

19

168 **162** PCT **6**

63

“ ”

2010

“ ” “ ” 2011 4

“ ”

12

IEC

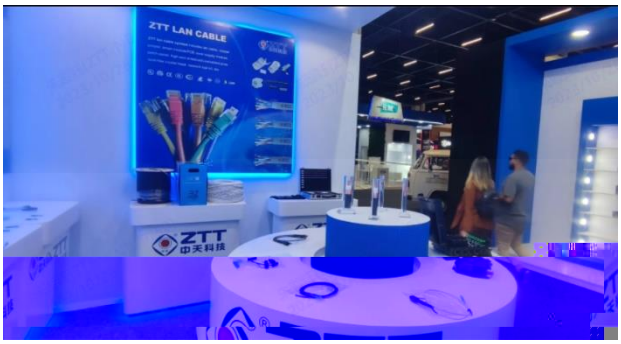
2023 /

4 2 1

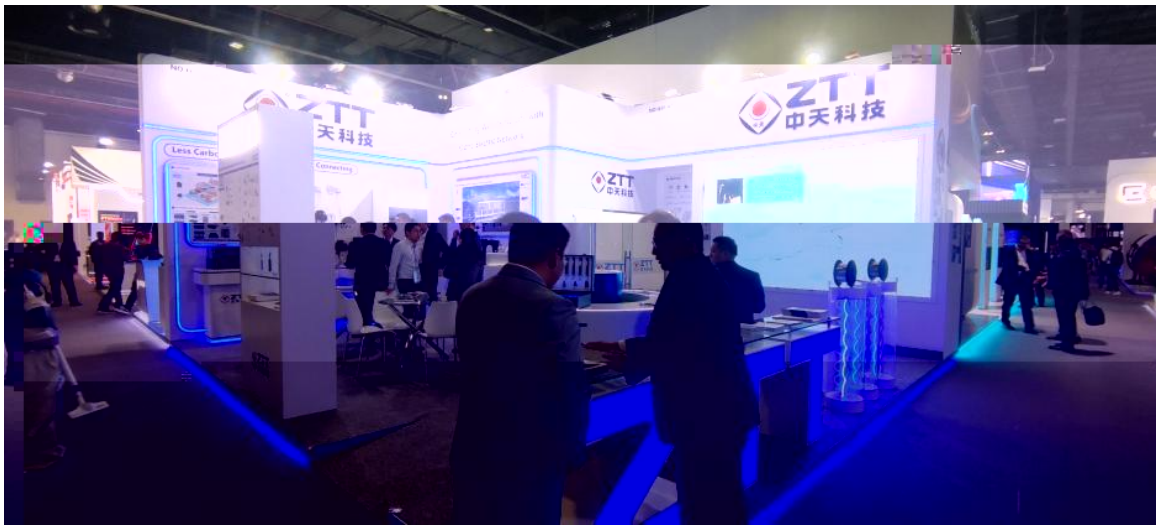
2023

/ **24** **9**

14 **1**



2023 10 FUTURECOM 200

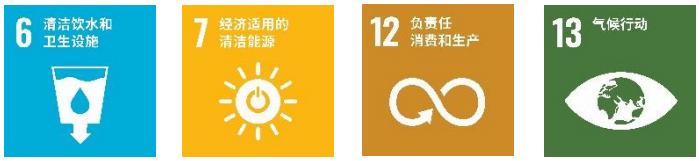


2023 10 43 GITEX Global

5.

“ ”

“ ”



2023 **2090.3**

2023 **1031.59**

2023 **1000**

5.1

2023 “ ”

LCA

		40%
	20%	

5S

2023

HSF

/ HSF

HSF

ضخ ⌙ 0.01% ḥ â ضخ ضخ خ

		9
		5

5.2

2023 “ ”

GLCM

2021 2023

https://www.chinaztt.cn/socialResponsibility/149.html 2023 1

2 7953.90

1 2

		2023	2022	2021
1		126.78	134.07	131.36
2		7827.12	6888.98	7390.53
		7953.90	7023.05	7521.89

1. 1

2

2. ISO14064-1:2018

GWP IPCC

2021

2023 1/2 1/2 ″ N 7/8

7/8 ″ N

ISO 14067

https://www.chinaztt.cn/socialResponsibility/149.html

2021

2023 Asun-EMS

“ ”

“ ” “ ”

“ ” “ ” “ ” “ ”

” “ LED ”

2023

		2023
		2090.3
		1658.90
——		1367.65
——		291.25
		16.2335

50%
33A 17A 50% 19 133

270.6kWp 393.72kWp 664.32 kWp

2023 291.25 17.6%

5.3

ISO14001:2015

2023

15 PQ1

PQ2

UV 15 PQ3

2023

12.202

1169.9

5.4

2023 106618 1000

6.

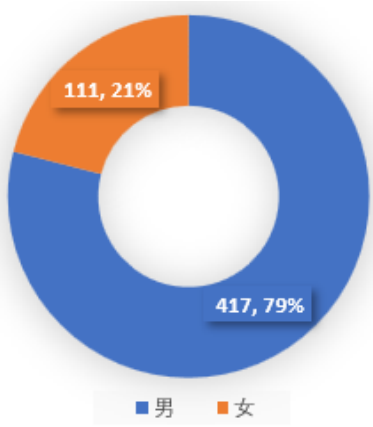
2023

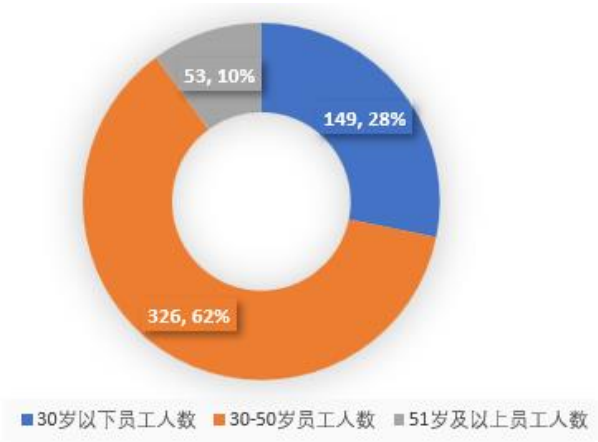
6.2

“ ”

2023

2023 528 73 7





“ ”

2023

5S

“ EPLAN+ 200Smart+ 1200 1500 ”

27984 44

“ ”

2023 49

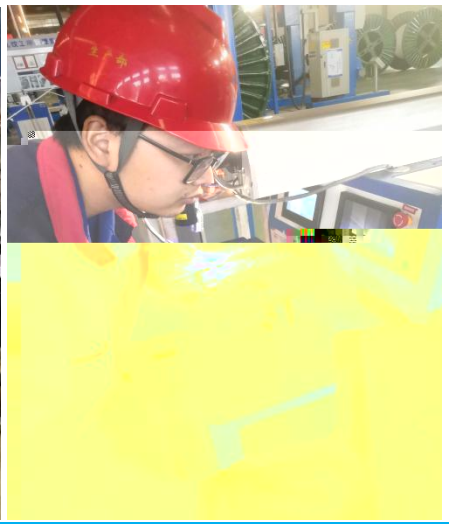
“ ”

中天射频电缆有限公司
Zhongtian Radio Frequency Cable Co., Ltd.
缪龄明
发泡主机工
2016年度公司先进个人
2017年度、2019年度、2020年度集团劳动模范
2021年集团高能工匠
所在班组获得2019年度及2022年度集团先进班组
吴峰荣

中天射频电缆有限公司
Zhongtian Radio Frequency Cable Co., Ltd.
徐招梅
跳线组长
2016年度集团劳动模范
2017年度公司劳动模范
2020年度集束缆效率提升改造获集团优秀奖
2021年度集团高能工匠、2022年复评集团高能工匠
赵俊志

2023

“ ”



6.3

2023 100% 15% 91%

5.12%

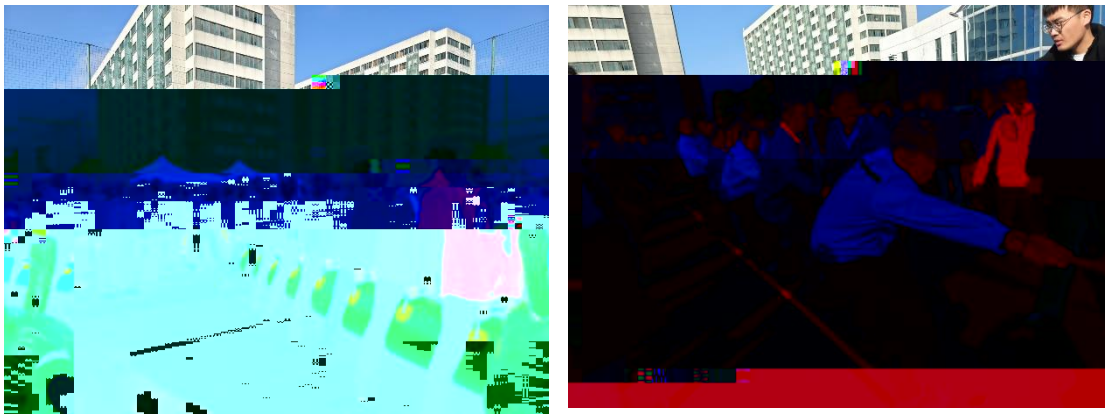
2023 “ ”

22 23

2023

3 8 “ ” DIY “ ”

“ ”



2023

2023 15253

6.4

“ ”

170

2023

75

		2023
		0
	%	95.01
		118
/		4
		38
		46
		2090.3
		2912500
		126.78
		7827.12
		7953.90
		106618
		1000

7128.5

ESG

ESG	/	
		“ ”
	5S	
	5S	

	2015 3	
	5S	
		1 ——

GRI —— GRI

GRI		
GRI 1: 2021		
GRI 2 2021	2-1	P5
	2-2	P5
	2-3	P2
	2-4	
	2-5	/
GRI 2 2021	2-6	P5
	2-7	P32-33
	2-8	/
GRI 2 2021	2-9	P8
	2-10	/
	2-11	P8
	2-12	P8
	2-13	P8
	2-14	P8
	2-15	/
	2-16	P8
	2-17	P8
	2-18	/
	2-19	/
	2-20	/
	2-21	/
GRI 2 2021	2-22	/
	2-23	P3-4, P8
	2-24	P8
	2-25	/
	2-26	P16, P36
	2-27	P16, P40-42
	2-28	/

GRI 2 2021	2-29	P9
	2-30	P36
GRI 3: 2021	3-1	P10-11
	3-2	P10
	3-3	P10-11
GRI 201 2016	201-1	P6
	201-2	/
	201-3	/
	201-4	/
GRI 202 2016	202-1	/
	202-2	/
GRI 203 2016	203-1	/
	203-2	/
GRI 204 2016	204-1	/
GRI 205 2016	205-1	/
	205-2	P16
	205-3	
GRI 206 2016	206-1	
GRI 207: 2019	207-1	/
	207-2	/
	207-3	/
	207-4	/
GRI 301 2016	301-1	/
	301-2	P24
	301-3	P25
GRI 302 2016	302-1	P28
	302-2	/
	302-3	/

	302-4	P27-28
	302-5	P27-28
GRI 303 2018	303-1	P30
	303-2	P29
	303-3	P30
	303-4	P29
	303-5	P30
GRI 304 2016	304-1	
	304-2	
	304-3	
	304-4 (IUCN)	
GRI 305 2016	305-1 1	P26-27
	305-2 2	P26-27
	305-3 3	/
	305-4	/
	305-5	P26-27
	305-6 ODS	/
	305-7 NOX SOX	P29
GRI 306 2020	306-1	P29-30
	306-2	P29-30
	306-3	P29-30
	306-4	P29-30
	306-5	P29-30
GRI 308 2016	308-1	P14-15
	308-2	P14-15
GRI 401 2016	401-1	P32, P35
	401-2	P33

	401-3	/
GRI 402 2016	402-1	/
GRI 403 2018	403-1	P31-32
	403-2	P31-32
	403-3	P31-32
	403-4	P31-32
	403-5	P31-32
	403-6	P31-32
	403-7	P31-32
	403-8	P31-32
	403-9	P31-32
	403-10	P31-32
GRI 404 2016	404-1	P33
	404-2	P33-34
	404-3	/
GRI 405 2016	405-1	P32
	405-2	P35
GRI 406 2016	406-1	P35
GRI 407 2016	407-1	/
GRI 408 2016	408-1	
GRI 409 2016	409-1	
GRI 410 2016	410-1	/
GRI 411 2016	411-1	
GRI 413 2016	413-1	P38

	413-2	P38
GRI 414 2016	414-1	P14-15
	414-2	P14-15
GRI 415 2016	415-1	
GRI 416 2016	416-1	P12-13
	416-2	
GRI 417 2016	417-1	P20
	417-2	
	417-3	
GRI 418 2016	418-1	