



中国船舶重工集团应急预警与救援装备股份有限公司
CHINA HARZONE INDUSTRY CORP.;LTD.

5

A





1

2035 2020 2050

TT ZQ QS

3

2014

[2014]63

2018

4

5

1



2

3

5



50%

4



2016







1

= /

=

/

2

$$P1=P0/ 1+n$$

$$P_1 = P_0 + A \cdot k / (1+k)$$

$$P_1 = P_0 + A \cdot k / (1+n+k)$$

$$P_1 = P_0 \cdot D$$

$$P_1 = P_0 \cdot D + A \cdot k / (1+n+k)$$

$$A \cdot \frac{P_0 \cdot D + A \cdot k / (1+n+k)}{P_1}$$

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		[2018]ZA90374	
[2019]ZA90094	2017	2018	
	21,025.01	22,355.06	
		17,778.30	20,334.68

1

30%

2

3

80%

40%

20%

20%

2017 485,835,000
10 1 48,583,500
10 0.25 12,145,875
2017 60,729,375
2018 874,503,000
10 0.5 43,725,150
10 0.27 23,611,581.00
2018 67,336,731.00 2019 4 24

				/	/
2018	2,361.16	6,733.67	22,355.06	30.12%	35.06%
2017	1,214.59	6,072.94	19,300.58	31.47%	20.00%

2016 2017 2018
[2017] ZA90102
[2018] ZA90374 [2019] ZA90094



		2018	12	31		49.00%
45.00%		2019	3	31		48.89%
45.00%						

1

2

3

4

5

6

1

2

3

4

6

100



10%



/ = /
=

1

2

130% 130%

3,000

$$IA = B \times i \times t / 365$$

IA

B

i

t

1

70%

2

$$P1 = P0 / (1+n)$$

$$P1 = (P0 + A \cdot k) / (1+k)$$

$$P1 = (P0 + A \cdot k) / (1+n+k)$$

$$P1 = P0 \cdot D$$

$$P1 = (P0 \cdot D + A \cdot k) / (1+n+k)$$

$$A \cdot \frac{P0 \cdot D + A \cdot k}{1+n+k} = P0 \cdot D$$

/



1

85%

2

2018 12 31 204,811.07
205,419.18

2019 3 31 214,688.52
206,483.07

81,893.12

2018 12 31
39.98%

2016 2017 2018
14,913.71 17,778.30
20,334.68 17,675.56

1		44,118.51
2		17,274.61
3		20,500.00
		81,893.12







1

2

3

2

3

4

5

6

7

2019 4 24