

2018 可持续发展报告



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· 2007 2018 12 12

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· : +86 510 8531 7350 / 8531 8744

· : +86 510 8531 8941



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19

M9aaV bdaVgUfeO

39

59

M9dWV bdaVgUf[a` O 59

M9dWV bdaVgUf[a` O

M9aaV bdaVgUfeO

M9dWV Ua_ bS` kO

37

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7

EG@FEC:

Headquarter & Manufacturing Center

Wuxi, China

European Customer Service Center

Germany

Suntech Europe
Germany

Manufacturing Factory

ZhangJiaGang

LiYang

NanTong

Suntech Japan
Tokyo, Japan

Mid-East branch
Dubai, U.A.E

Suntech HK
HongKong

South Africa branch
South Africa

Australia branch
New south wales, Australia

- Headquarter
- Branches
- Manufacturing base
- Service center
- Business footprints

10%



? E? C : a=a DW` V@a'S

2009 EG@FEC:

EG@FEC:

20

? E=

FGH

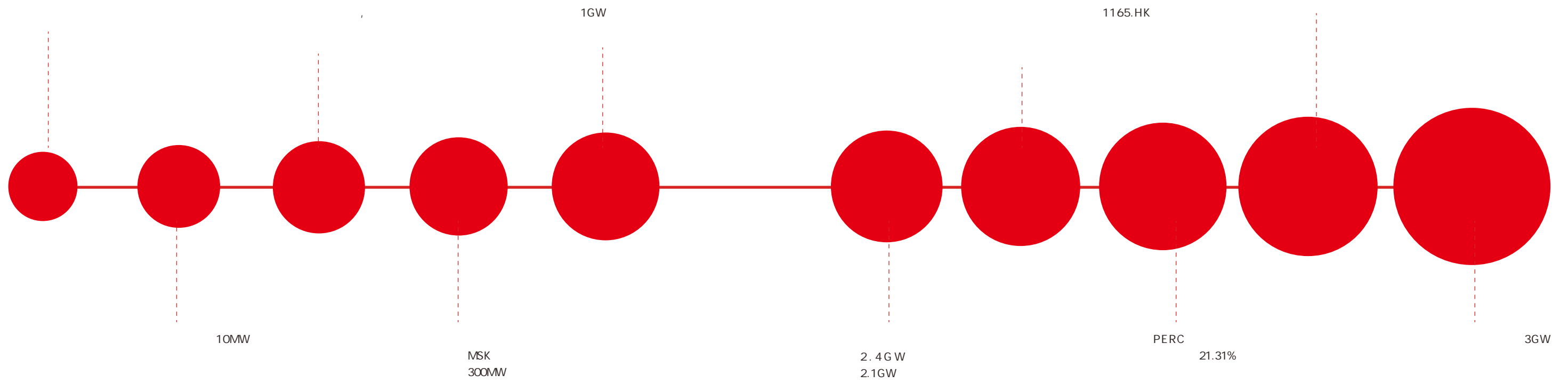
;EC CE G> HDE

;EA 9000

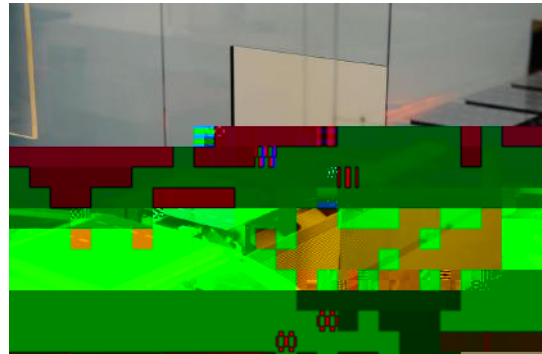
;EA 14000



Pr



3%
3.3% 36.92%



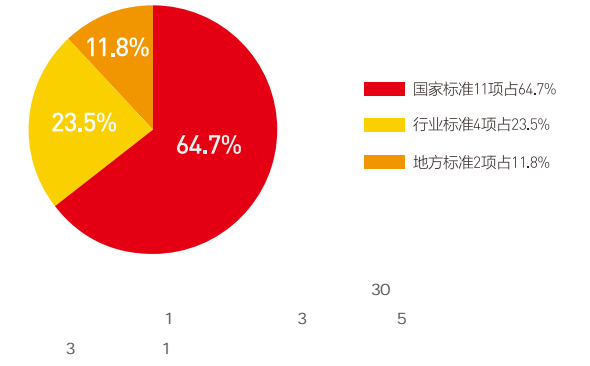
8

BH B'gfa 2009
19.12%
17.1%

EHA

B'gfa B;BH

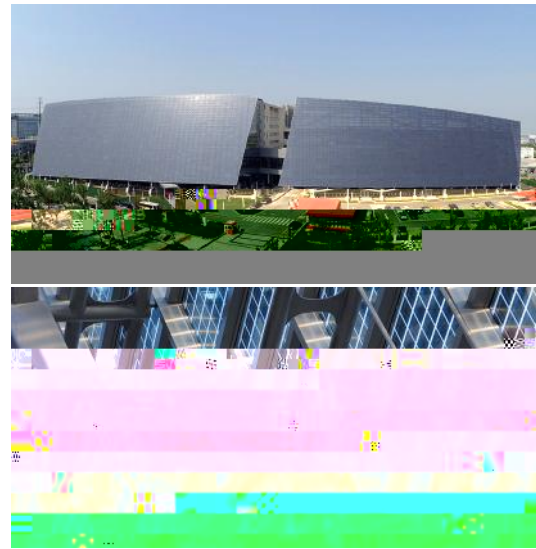
6



| Item | Value | Percentage | Period |
|------|-------|------------|----------------|
| 1 | 973 | | 2012.1-2016.8 |
| 2 | 863 | 20% | 2012.5-2016.4 |
| 3 | | | 2013.4-2016.4 |
| 4 | | | 2014.1-2016.12 |
| 5 | | 11% | 2017 |
| 6 | | | 2018.1-2019.12 |

| Item | Value | Percentage | Period |
|------|-------|------------|---|
| 1 | | | PHOTOVOLTAIC DEVICES- Part11: Measurement of initial light-induced degradation of crystalline silicon solar cells |
| 2 | | | |
| 3 | | | |
| 4 | | N | |
| 5 | | | |
| 6 | | 11 | |
| 7 | | 1 | |
| 8 | | 1 | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |

| 379 | 415 | 16 | 49 | 385 | 14 |
|-----|-----|----|----|-----|----|



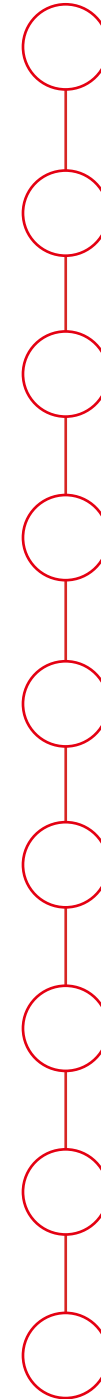
| 1 | | | 2007/10/17 | 200410064831.1 |
|----|--|--|------------|----------------|
| 2 | | | 2009/3/11 | 200610065676.4 |
| 3 | | | 2009/12/30 | 200610076375.1 |
| 4 | | | 2010/5/12 | 200610139717.X |
| 5 | | | 2009/9/16 | 200710135836.2 |
| 6 | | | 2011/4/13 | 200710188267.8 |
| 7 | | | 2012/12/12 | 200710188268.2 |
| 8 | | | 2012/3/28 | 200780051088.8 |
| 9 | | | 2010/9/22 | 200810171923.8 |
| 10 | | | 2010/12/1 | 200810187371.X |
| 11 | | | 2012/4/18 | 200910127197.4 |
| 12 | | | 2010/8/25 | 200910025195.4 |
| 13 | | | 2010/12/29 | 200910025426.1 |
| 14 | | | 2014/3/19 | 201110349354.3 |
| 15 | | | 2011/12/14 | 200910146478.4 |
| 16 | | | 2012/2/1 | 200910223669.6 |
| 17 | | | 2012/7/4 | 200910137271.0 |
| 18 | | | 2012/6/27 | 200910164076.7 |
| 19 | | | 2011/8/3 | 200910173704.8 |

| 20 | | | 2013/2/27 | 200910178805.4 |
|----|--|------|------------|----------------|
| 21 | | | 2013/7/2 | 200910206629.0 |
| 22 | | | 2012/5/2 | 201010176006.6 |
| 23 | | | 2012/7/4 | 201010118329.X |
| 24 | | | 2011/11/23 | 201010204525.9 |
| 25 | | | 2012/5/23 | 201010204547.5 |
| 26 | | | 2012/6/27 | 201010244229.1 |
| 27 | | | 2013/11/27 | 201010536452.3 |
| 28 | | | 2016/2/3 | 201110248993.0 |
| 29 | | | 2016/3/30 | 201410357331.0 |
| 30 | | | 2016/5/4 | 201410158656.6 |
| 31 | | | 2016/5/11 | 201410441692.3 |
| 32 | | | 2016/9/7 | 201410742302.6 |
| 33 | | | 2016/9/14 | 201510002810.5 |
| 34 | | | 2017/2/8 | 201210197214.3 |
| 35 | | | 2017/1/11 | 201410159200.1 |
| 36 | | | 2017/1/25 | 201410817971.5 |
| 37 | | | 2017/2/15 | 201410579920.3 |
| 38 | | | 2017/4/5 | 201310090297.0 |
| 39 | | | 2017/4/5 | 201610345127.6 |
| 40 | | | 2017/6/30 | 201210342891.X |
| 41 | | | 2017/8/8 | 201610180452.1 |
| 42 | | | 2017/9/1 | 201610865158.4 |
| 43 | | | 2017/10/20 | 201510975593.8 |
| 44 | | | 2017/11/10 | 201510003478.4 |
| 45 | | PERC | 2017/11/10 | 201610902698.5 |
| 46 | | | 2018/1/9 | 201210091883.2 |
| 47 | | | 2018/3/20 | 201610269281.X |
| 48 | | | 2018/6/15 | 201610057123.8 |
| 49 | | PERC | 2018/6/15 | 201610642301.3 |

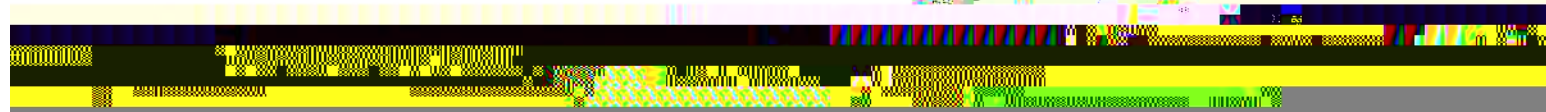
1600
3000

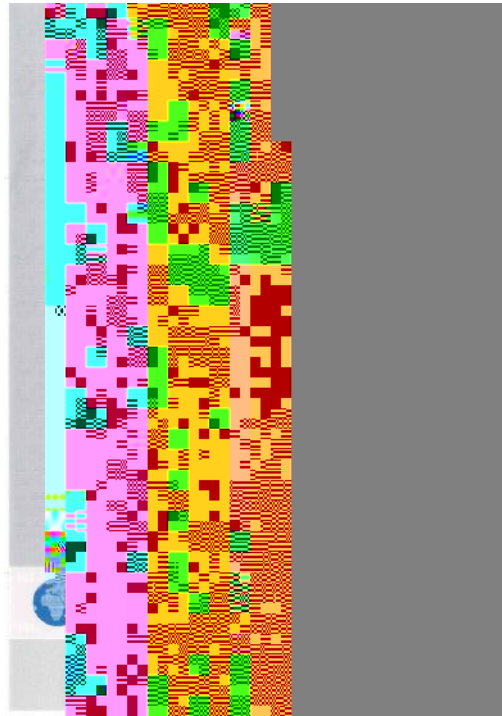
E>

2009 6 G> I FDB I [f We FWf DSfS Bda YdS_
G> G>1703 17
2009 12 HDE FDAB FWf DSfS AUUWfS UW
Bda YdS_
27 ;EC61215 18
;EC61730-2 9
2010 2 C@AE

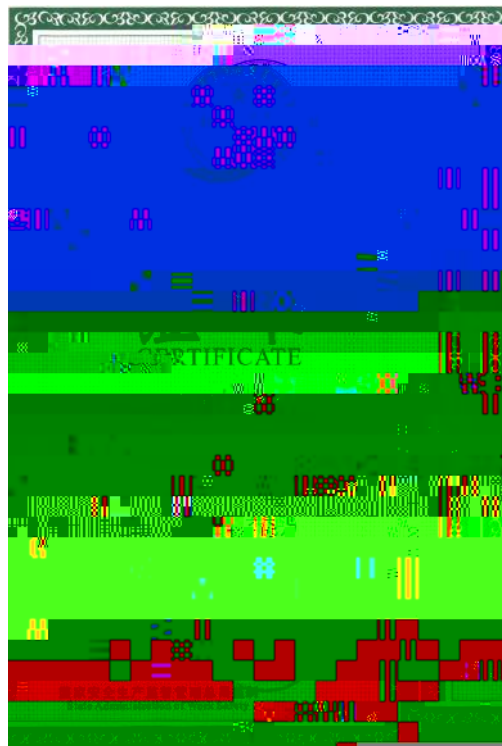


Product Carbon Footprint

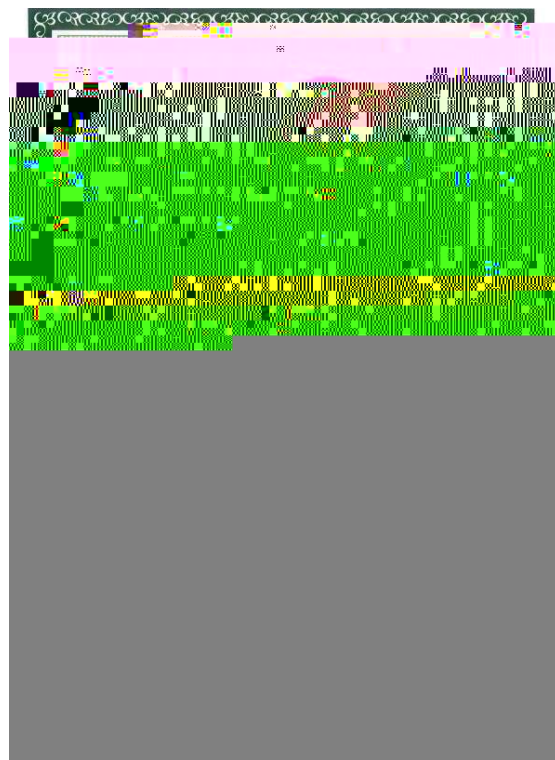




2012



2016



258,928] | Z/? | 2009 171,612] | Z/? | 2006
 34% 2007 2009 3948] | Z 2041F/? | 2006 4216F/? | 2009
 2640 76.8 226 B2

| mg/L | | 2008 12 | 2009 3 | 2010 5 | | 2018 11 |
|-------|------|---------|--------|--------|--------|---------|
| PH | 6-9 | 7.50 | 7.21 | 7.39 | 6-9 | 7.14 |
| COD | 500 | 160 | 330 | 137 | 150 | 52 |
| SS | 400 | 18 | 20 | 18 | 140 | 11 |
| NH3-N | 35 | 6.86 | 3.68 | 7.16 | 30 | 1.54 |
| TP | 8 | 0.76 | 0.09 | 0.304 | 2 | 1.64 |
| F- | 20 | 18.67 | 3.30 | 7.01 | 8 | 1.88 |
| | - | - | - | 7.9 | - | ND |
| CO2 | 2009 | | | | 0.8825 | |

2009 11

A

B

“ ”



(RO

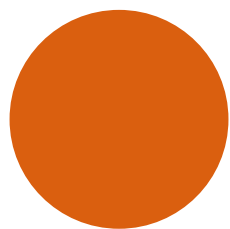
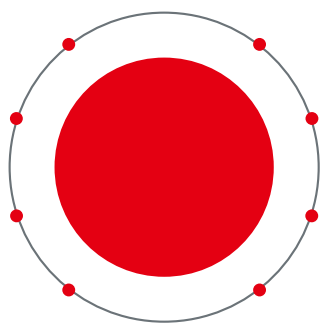
3000T/D

A CaCl₂ NaOH[pH
PAM

PAC NaOH[pH] PAM

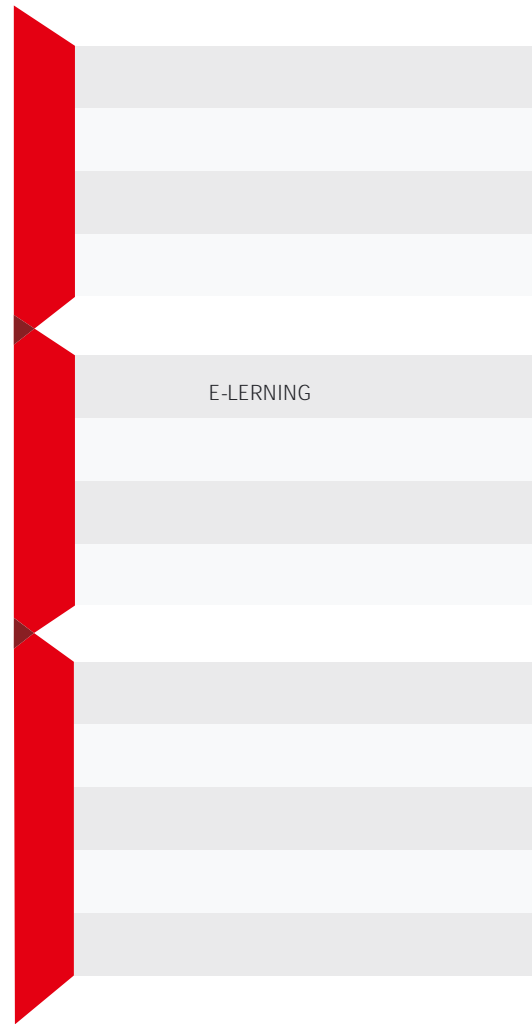
高浓度含氟废水 浓HF废水原水池 浓废水反应槽

一级凝聚槽



A? A

(E? BA)

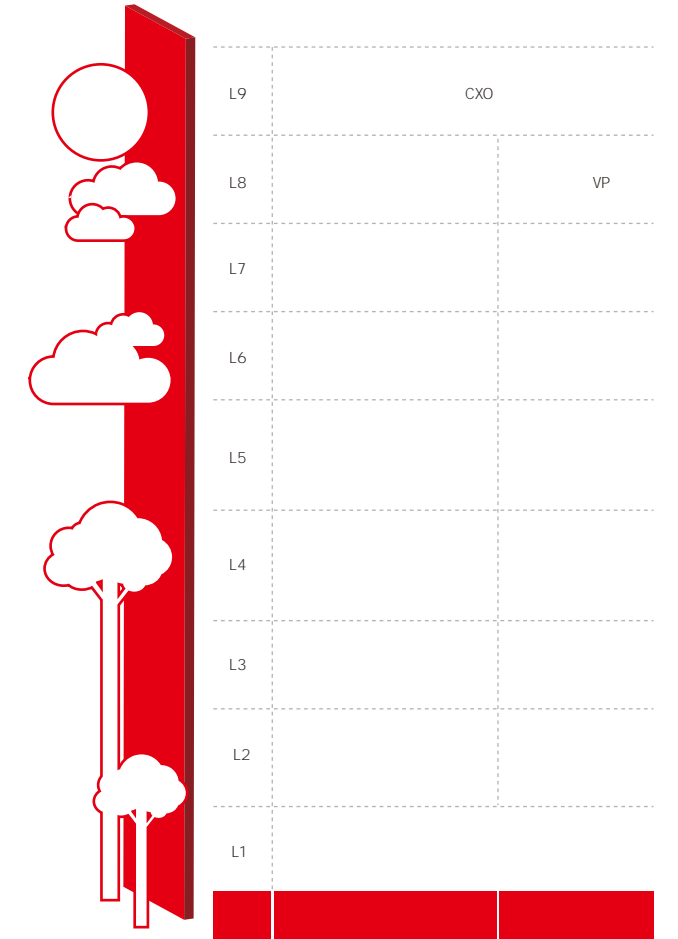


E-LERNING

3 :
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E? BA



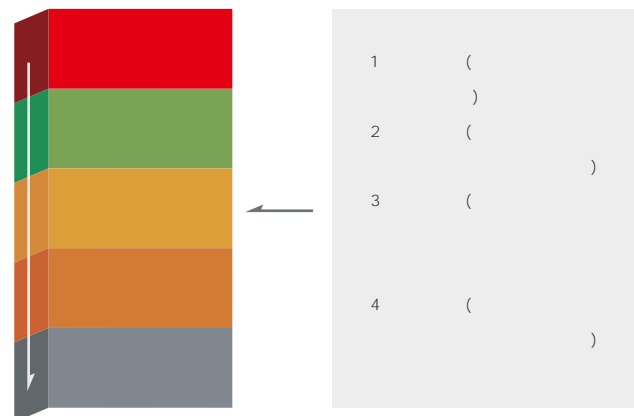
A :

B :

1 :

2 : ()

C ()



(FB?) EBE MB> OCCCM O -EBC

<D() <

-->EC

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E: E

| [Red Header] | | | | |
|--------------|----------|--------------|-----------|------------|
| | P2 P3 | 6 5 9 00 | P2 | |
| ERT | P2 | 6 5 10 00 | P2 ERT | P2 ERT ERT |
| | P2 P3 | 6 6 6 13 | P2 P3 | P2 |
| | P2 P3 | 6 14 6 15 | | P2 P3 |
| | P3 | 6 15 | P3 | |
| EHS | | 7 | | EHS |

6 5 B2 B3



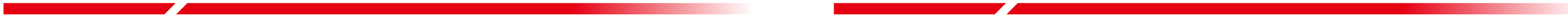
6 14 p15
13

B2 B3

6 21

14





11 9

B3

13 30

B3

EDF

2017 +2018

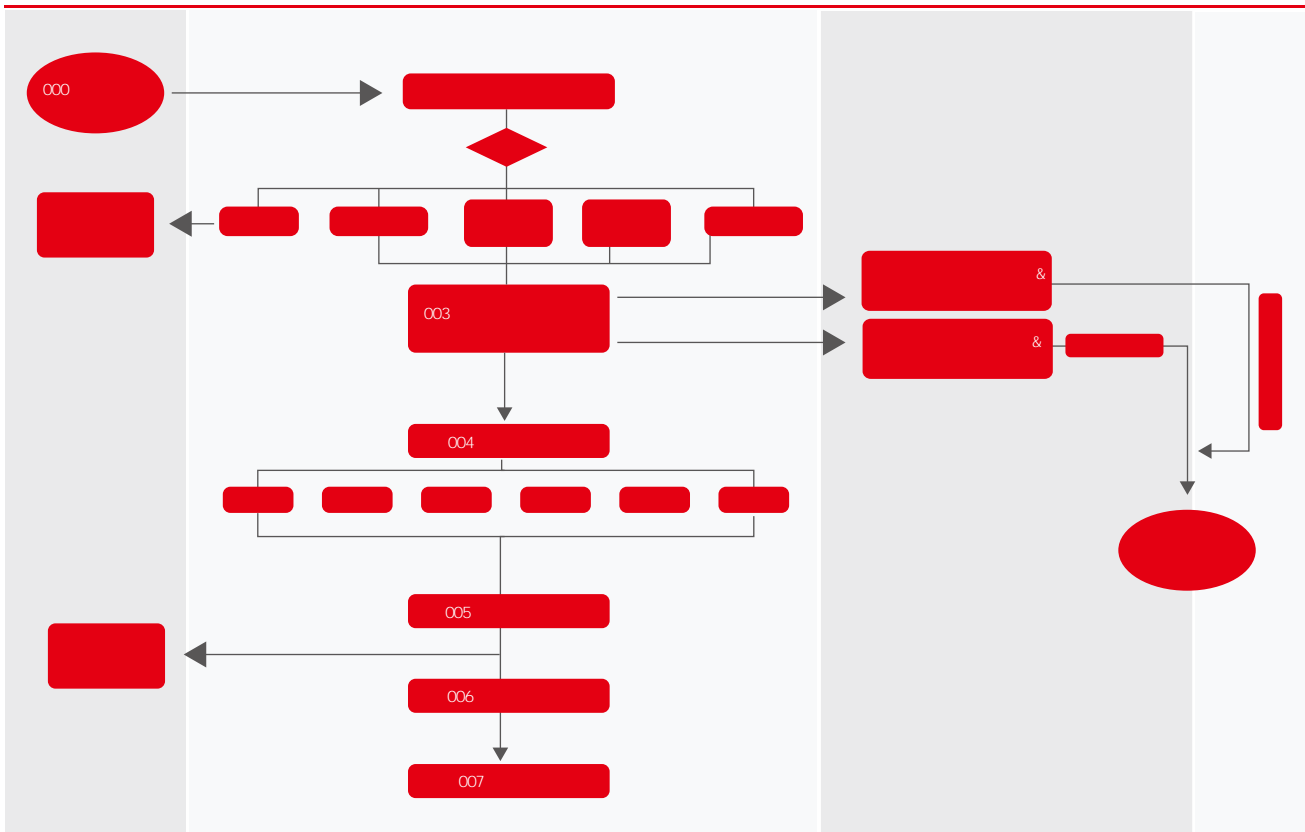
1

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UL VDE
SPS QC



2018



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1 09
2
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1,606.3

2009

2008
1,785.8

2007
1,331.7



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|--------|-------|
| 2.55 | |
| | |
| | |
| | |
| | |
| | |
| 4 | 12 |
| 435 | 667 |
| 60 | 48 |
| 7% | 7% |
| 40% | 48% |
| 183.0% | 160% |
| 0.44% | 1.47% |

