$ ‹

6Ù Ëz6;11*<ª
emily_huai@hanbell.cn
ir@hanbell.cn

021-51365368

6 P

1. 7PZ*H
2. 1-10 30ÐzŐZQµ 5.7%
3.
4.
5. éÁÐ-1×Ò
6.
7. R290 FŽ9Šü
8.
9.
10. 3Á_p7PpPÔ
11. "jf¾LFTHU
12. Z±Á_p<-
13.
14.
15.
16.
17. --SSLCHINA2018D73lFVIpN°_"
    6
18. SEMI e7c5ËnIBŠCnIBÐ
19. 40 ÝK47P=0.JLvp• LF+kD%(8865Š1

20. 11 Ł6æ1Ć Þ FFÊ ï

21. 9 +k 16474.3 =y+

22. .û ³ U ÃC ë¿ 9 aCzH

1. bìðô2Ñ Ã‹• ¯zÆ Qs@®

2.

3. /›MÔB9(«Œº) T• @N»,ì?L† «aÞzà

4. 2018 Å Cå c†À| Ø

5. 2025 ?ûWN A×

6.

7. 2018 c3L +kD% ?ûWEô 5740 õ y t

?= P

1. 2018 P

2.

3.

×L˜ "O¬+^.÷ êAê\J{²È .à

17.

18.

19. 240

20. Q3 44%

=

1. 2018 G1
2. 2018 @ 100 p= 2018 @ 50 p0&-
3. @ 2018
4. 10 > 17 (002158): 2.50 =6×
5.
6. 2018 -20%8) 10%
7. 2018 500 p
8.
9. 400
10. 12 2018 @
11. "X73
12. 2018
13. 2300 A
14.
15.

6=

1º 7PZ*H

5ÄRG,L* 7 > 6 ž 0:01 <ÄE6/ 340 5Ä,°3Ø 25%,º

ŒDFeEp!5@?ú W6,CnIN>

5ÄRG,L* 7 > 6 ž 0:01 <ÄE6/ 340 5Ä,°3Ø 25%,º

ŒDFeEp!5@?ú W6,CnIN6BÁ_pG,6MÚ

5*=" 5ÄnIÖŒDC<>

5ÄnIN1b6à

5ÄCnIÖ 6 > 15 ¾ 2017 8 c3F-rEô 500 ÷

l 25%ŒD<Zl!ô/ Eô 340 5Ä,º 818 NÄ 7 > 6 !E6

/-r 160 5Ä,º 284 N · BE?8) 7 > 31 5NU 8

ô >

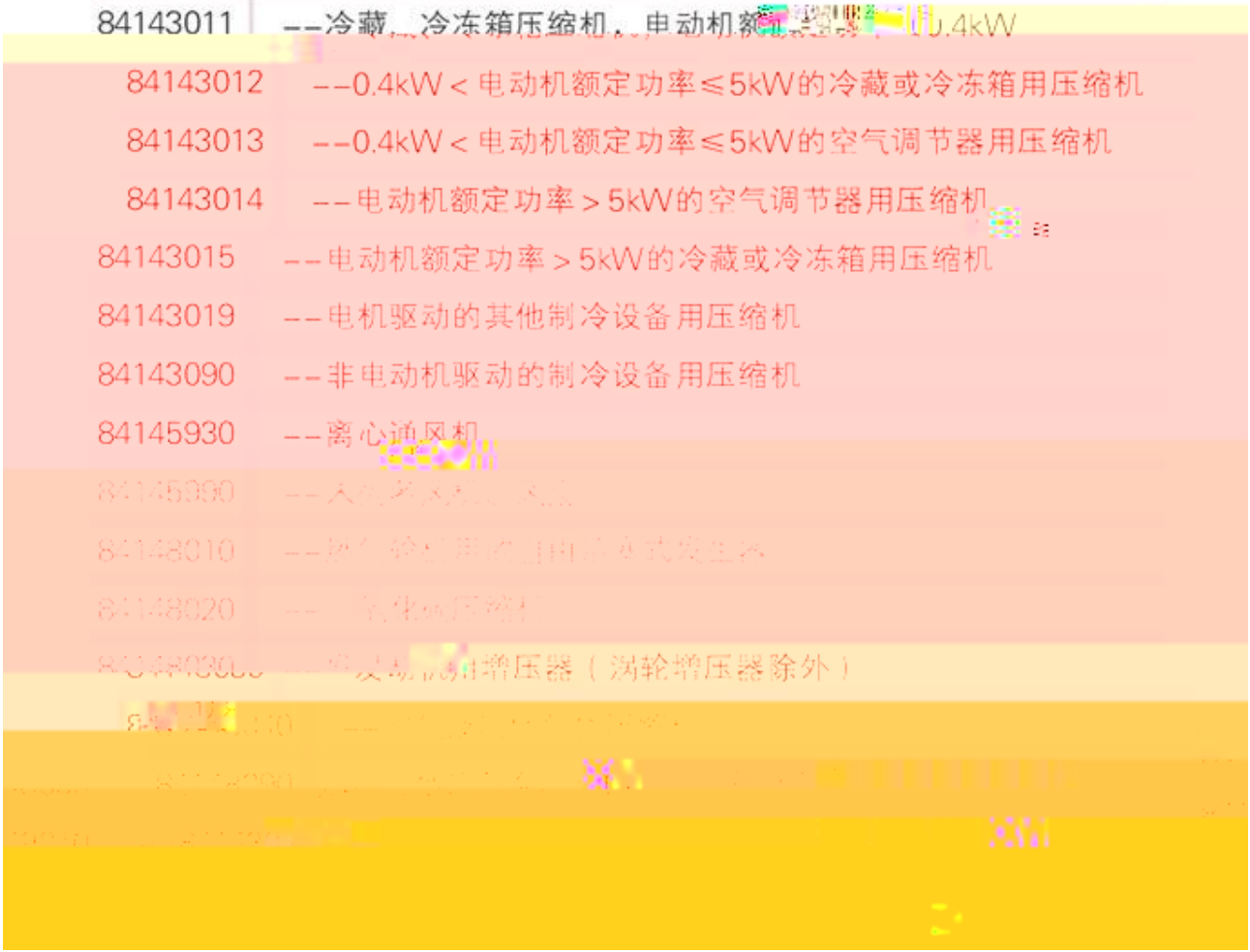
!eCnIÖ 4 ,º 1333 N(~5AÄD<N¼

Co1L@ 1102 NÄ? 1%eoÄ3eP

+ÄU4E>

E 2018 c5ÄnIN5Ä1b6Ll!ÖŒDFc÷80ºJ1v?+FJ

Á_pG,G3Ö 25%ŒDM?Ä



3 6 > 16

2018 6 > 15 301

500 340

25% 160

Ä 7 > 6

2018 7 > 6 C+U~>

B,çï8 5Ä,L÷qÁê=73¾Ë 25%,¶0D¸

2017 ª38 5ÄFHN4Ü 160 5yç64þU~,L*<€

!¼W0&,Ö0D¾q · vL¾ÕM¸³<CnIN¸Ï¸

|e9,Ë$pG3Ê5Ä5€€GN+Af>

8 > 3 |<Le1Õ¾W9Ł4Ö¾Ä,G<|Ë0D,¢

€&5Ä,L* 2018 ª 7 > 10 5ÄuÒNć[¾Ö&q¾Ò<

/Ö8,¶|Ë 10%,0D#Ü 2000 5yc3/5Ä> 8 > 1 5Ä

CnI9(Ã¾&D¸</ 2000 5yc3,ý· 0D0D)½g 10%Q8) 25%>

5¸Ö£FL+ÇnI44ý.?0ÂL¸¶6!€ëoŁ+ÇnI44ý

?0a,¥-¸H76€5#-Â

/5Ä75#3L{c3FVF,3þ[8 D¥-ç3uÒ

Ec5GÂVLCnI#1#ÁL¢bÕ/Ö¾Ä 3,º 5207 `

0D-¼Ü 600 5y|Ë 25%-5%C1;0D64þU~,L*<€

!¼W9,¼çç3/Ö¾Ä,31Á_p¥aÖCB¸0D>

CnIN/c5Ä_p¾ÍCB

+g€5Ä_p¸(8ç5Ä_p7P/8p@,1¸Ñ· 3V?

vCB¸+U¾v?E¾:¸5ÇnIN/c5Ä_p7P,¾ÍCBq

¾*¸G37P@Ä>

c3e-¼96¸Á_pÊ8p¸Ñ· 5ÇzÁ_p(ç3(Ôe

f¸+U¾Ffc38p,Á_p ¸HЄP|e¸FÁ_pAê,º

rЄ¸p5ÄbU+U¸Á_p¸¥pG3-¼Ł6;5,Aê¸

6BFÑê3e7,H¶ê¾<+P8)¸0D">¸ PTA 0°

Á4éŁ0ºJÄ_p4éKµÉ4Ä_p4é¶Ä_p4é MTO ê¤Ä_p4ú

1¸yM6,Ł315=-Ł15=E¤UµÉ¤L6(1¤M,G,¤¶@Ä_pAêG

3Cð · .j¸H4¾FC¾D,H¶ê¤¾L*e

¾¾G3/Ö¾Ä,Bg31Á_pÖ 5%-25%© 0D¸5Ä_p

对美加征25%关税商品清单

序号	税则号列	商品名称
1790	84143011	功率≤0.4kW 的冷藏、冷冻箱用压缩机
1791	84143012	0.4kW < 功率≤5kW的冷藏、冷冻箱用压缩机
1792	84143013	0.4kW < 功率≤5kW的空气调节器用压缩机
1793	84143090	非电机驱动的压缩机
1811	84182110	容积 > 150L压缩式家用型冷藏箱
1812	84182120	50L < 容积≤150L压缩式家用型冷藏箱
1813	8418[illegible]20	压缩式热泵,税目8415的空气调节器除外

对美加征 20%关税商品清单

序号	税则号列	商品名称
672	84143015	冷藏或冷冻设备用，电动机额定功率超过5千瓦的电动机驱动压缩机
673	84144000	装在拖车底盘上的空气压缩机
674	84148020	二氧化碳压缩机
675	84149011	用于制冷设备的压缩机进、排气阀片

对美加征 10%关税商品清单

序号	税则号列	商品名称
534	73110010	装压缩或液化气的钢铁容器
535	73110090	其他装压缩或液化气的容器
700	84143014	功率＞5kW的空气调节器用压缩机
701	84143019	其他制冷设备用压缩机
702	84148090	其他气体压缩机及通风罩或循环气罩
703	84149019	其他用于制冷设备的压缩机零件
707	84182130	容积≤50L压缩式家用型冷藏箱

对美加征 5%关税商品清单

序号	税则号列	商品名称
362	84148040	空气及其他气体压缩机

全球主要地区小型空[illegible]销售额

	销售量（万台）			销售额（亿美元）		
	2014年	2015年	2016年	2014年	2015年	2016年
北美	673	684	703	10.6	10.9	11.1
西欧	480	486	518	7.3	7.4	7.9
亚太	362	383	410	4.0	4.3	4.6
全球	1882	1942	2013	25.6	26.6	27.7

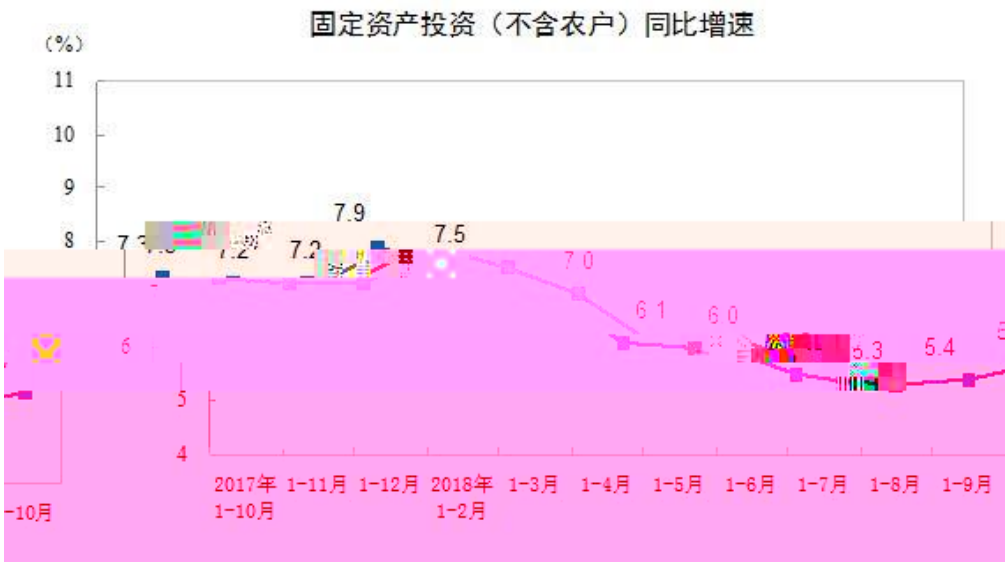
http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=8105

2º 1-10 ³30ÐzŰzÊµ 5.7%

2018 ª 1-10 ³30ÐzŰzCaÒµ 547567 õÞB"Êµ 5.7%ÞU

" 1-9 ³} 0.3 ,<8¾FUÜA¸ 10 ³30ÐzŰzCaÒµ 0.44%>

è¸'GL*0ÐzŰz 341343 õÞB"Êµ 8.8%>



<Ý-Aļb6Ý PËz 19378 ỹB"Ûµ 13.4%ÊU" 1-9 ³Q 1.7 ¸<

&¤ļbÑËz 204663 ỹÛµ 5.8%ÊUQ 0.6 ¸<&¤ļb?ÝËz 323525

ỹÛµ 5.4%ÊUQ 0.1 ¸<&¤

1bÑcPËzB"Ûµ 6%ÊU" 1-9 ³Q 0.6 ¸<&¤ĢGỹ5P

ËzÛµ 9.4%ÊUQ 3.2 ¸<&¤ĻVPËzÛµ 9.1%ÊUQ 0.4 ¸<&¤Ęk

ÑÑU"j+UÑËzALƒ 9.6%Ļ¦0º 1.1 ¸<&¤

1b?Ýd.vA6ËzCa+kÑU "j+UÑB"Ûµ 3.7%¸

ÊU" 1-9 ³Q 0.4 ¸<&¤ę"j_1*<PËzALƒ 4.1%Ļ¦0º 0.6 ¸<

&¤ĘÑ*<PËzÛµ 1.3%ÊU:s 0.4 ¸<&¤Ę‰%FEÝËzÛµ 10.1%¸

ÊUQ 1.2 ¸<&¤ĻÐ%FEÝËzALƒ 7%Ļ¦0º 3.5 ¸<&¤

<fp-ÆĘGfpËzB"Ûµ 5.8%ĢUD 1-9 ³7ĢGfpËzÛµ 9.9%¸

ÊUQ 0.3 ¸<&¤ĻGfpËzÛµ 3.2%ÊUQ 0.9 ¸<&¤ĘMfpËzÔ

Kµ0.9%ÊU:s 0.8 ¸<&¤

<,±AÆÆ 2±ÁĄĢz7PËzB"Ûµ 6.1%ÊU" 1-9 ³Q 0.3 ¸<&¤Ç

$%&¦ËzALƒ 6.8%Ļ¦Ý 0.8 ¸<&¤Ç¦ËzÛµ 6.1%ÊUQ 1.4 ¸<

&¤

http://cac.chinaiol.com/s/1116/21204029.html

3º

ĉ3Mjŷ?,1,LG GN,7¥AQ0F60D)½E±LCn7PÑ

Æ&LĝH?·¦ë

3Ł<ţp 10 > 8 ą"63ŁñPA€F60Du1ŒE60D

Fl€7PCU=7LCn0iK¤

PA€ 2018ª 11 > 1 C;)ëĝ(ŸF60D)½ 15%,Ê< 13%,8)

16%Ç 9%,8) 10%çG<8) 13%Ç 5%,8) 6%Ç<8) 10%½Q6M73=Q"—

=Czj€jŽ31¹ŸF60D)5*7C>

B,Ţ6!1¶L0DlŢ60D)½g,9pţF60DF€Ô

<F60D© ,L+g-$ 13 5_.8) 10 >

rÆ,ëŢeë31bÂWB9Q0F60D)FžnP*e?!W

ÂF60Du1ÇŒF60DF€Ü

c3,ºF60D!Ý1ŒGEG?Ô2GžĉMjŷ?,1,º

LGGN,7¥AQ0F60D)½E±LCn7PÑÆ&LĝH?·¦ë

http://cac.chinaiol.com/s/1010/71202225.html

4º

_¾H1ëŒcE7P-HtDt

Cçd6¼WĈ1n,ºPA€ŁFcE7PN2E4ıb6!W

PA€ecdŕ@1b6!W"6ëE7P,ºNPA€&5ª>

PA€ºĈçŝdu"ñŽ3Ł<NT€B7PA€B€P

ÆG=ž|6Šc3ðGK,≥CXuG=|ŝG3ł@6>GL"€

;"PÂGëE7P€o 3|6Šc3ðGK,ëÆ

E7P=ÃzLêÃzCkL€NÇXuG>ÆÔX0De7u1ŒëÆ0ª€Ü

5ÂP¸ª+UÑNCpEÿ· .F%E7P%ee¼35¥¥8E

CW)d¾i 50%@,ºDl¸ 60%@,º GDP¸ 70%@,¶Qæ 80% @,¼Kª

¥P¸ 90%@,·7P¦H>

"?cE7P,ºDEô0igP=0iH=Ã0iËz=0iLCz=0iLCn=0iN¼U1•

1ÇG3<Fp60¤B>

l6BçE7P¥c36EÑ=6%R,¤Ð¥7PDg

Ã6%F6¼

?¤BE47ª=c67µ=ª7â¤v(ŒRLõVÇgeG",º 201¤-

B%73B*Î&¶H¸eFª7¦µ.C1Æ6-w-rõ:0Fb6e¸'

¼M7§m,%Ez0DCo¤FG3eP¼ÇÜH,ê05I¥Ø@g73?·,¤>

6BlÆ?6ÇC0en 7¦Ð6#¥&ÞÑóf,ê6<ÆC\

!t>

+P8)F?67µ0AMFV4¤',¼E

ÇeÆ7P7P,ÇG3?¤&.Ÿ¥eÆCX¥j73E¤8UŸ3?¼

8U"jc,ŒRÆ4B¤§§ô,ÕV]19¥£A,º

)ÆK,¤ÂD¥LŸÜG31×±ÆÆ@,%ø¥E!V,Þ,×

C@ÞÆg,e%-v,7ö÷v,ª+U¾Æ7PCeG3!±ÞL¶Î@,º

MË@,¶LÆ¶ÆÇG3O<G@@-v,¤Æe

7P,¤Æ7G3 %/ÆG6BF9eÑ±)"8 ÞÝ¶÷A,¤Æe7P,º

¤Ý±,¤e6¤Ñ±}

%ÞÑÃéenV¤Æ6ÝV0•E7P,¼¶Æ¼

8o,ºOÇHM?,è8oK¤oŽ%F9¤8oK¤CCÍ¤Èo-

%B* 10 Ð7µ 9 G3e90,¤%73,º?· àufÐ7µÂÊý

&¥ØÐ55,¶M+U¶ecE7P(āe68blFVP¦G<67¤Æ¦G3+U¶¶,º

+P8)9¾

¤B9"¦ç6F¦Ç-VCGÇ0AÜ-¤Æ3lFVP,ºA¶P67¤ge$

≯ν,º 67Ω3?6&Ä/53Ⅴ=g-V=Ê<≠

/ÄÑUEÁ,ÕFÍ,LÇ3P5F7F7$Ì₫d@Ł$

NĴt"j±RÂß₂Ƶ=pC7.7ÕÑÂ₿?· -

ÑŁFVPcE7P%73

E₫)Æ<ÂðO/Ä"Fm6ì}çE7P(¯ae

ÍFVP,ĉE7PÇ3e3•bĻ?·ĮD~pB9€pE

žžąpnĵĉ3CXÔąWE(5Mj-vÇGNJCB*e

Fe_$LŠÑĝF`WE(eLƶ5₰}·flFVPB-(ÇÂæBC73

"×?cE7P*C73"?ÍFVP,ĉE7P-

?{%ęE7P(¯aeĮFVP,%73ÂßĉU%ĘÂĵ

7̃73Ñ@ÑuÒXuÂÑŽPP-U!ŦUęf8¥FE¢

!¦$d"6e7cE7P,ĺNĴAąÂĜUe-.ŒžtP

VFHF~6-Ż: Àu1€ŁtP8<Aȝv&Ĵ6!tcE7PD@ ₩

tçdF!We₩Urĵ¿?·¼

2018 Ẍ,,ºL*f<çE7PÜçE7Pp-…

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=8164

5º ₤₫ éÁ-1×ǫ̈

9 > 23 ĵŁ9E3ŁĘ6!ÁÝUẌ%A1*<-$Ł×

0A,₿O 2018P 33 -ǫ̈&ĵ.J0AąĴ3ŁĘ6!ÁÝU

Ẍ%A1*<-₫ 14 2±PÝUẌ%A1*<ĵ 4 2±PÝUẌ%A1*<y

LąAt5-74ÑGuÒ-H¶--ĊL8p--1*<GĘ9ĮD55ĝÝU

Ẍ%A1*<,$× 24 2±ę¦g38p--1*<qǫ̈ 7 2±¦g-74ÑGu

Ò-H¶--ĊL8p--1*<GLǫ̈ 17 2±ę,$g38p--1*<q

vǫ̈ºJÁ_p+UẌ%A₫

EÐ? · "x/-ÐL¯ÐAÅe<Aþ4ú¿Aý

PÂp +g7P^iB-,ÝCzC,ÐÂ0,ÐÂLš.Ÿ

Lúe ,/-74ÐGuÒ¬Ð--ÐL8p--1*<GLÂ0%,Ð5¤

)þ¿ZPÚiB-ÐÂÂA¢¬Ð3D5E×

r‰N¼UÝ%Aş?Ð*Ûþ?e7P+UÝ:[Ð

Ę+*ĖVF?~ĖzÊUt5IÊ+A€GGg+Ą*Ê

FVFA+U¥Ê?-U%?ÊA?%A(5LÊCH-1×

,S>

调整后继续实施工业产品生产许可证管理的产品目录（共计24类）

序号	产品名称	实施机关
1	建筑用钢筋	国家市场监督管理总局
2	轴承钢材	国家市场监督管理总局
3	水泥	国家市场监督管理总局
4	人民币鉴别仪	国家市场监督管理总局
5	卫星电视广播地面接收设备	国家市场监督管理总局
6	[illegible]	国家市场监督管理总局
7	预应力混凝土铁路桥简支梁	国家市场监督管理总局
8	防伪技术产品	省级人民政府质量技术监督部门（市场监督管理部门）
9	摩擦材料及密封制品	省级人民政府质量技术监督部门（市场监督管理部门）
10	公路桥梁支座	省级人民政府质量技术监督部门（市场监督管理部门）
11	内燃机	省级人民[illegible]质量技术监督部门（市场监督管理部门
12	砂轮	省级人民政府质量技术监督部门（市场监督管理部门
13	钢丝绳	省级人民政府质量技术监督部门（市场监督管理部门
14	预应力混凝土用钢材	省级人民政府质量技术监督部门（市场监督管理部门
15	预应力混凝土杆	省级人民政[illegible]门（市场监督管理

*H?·,ę,?uÒLŠ5=57PÊ@±ëg07ȝ3-U

!t-1@3-U!tNLC@>

+UX%A

<,73? ·

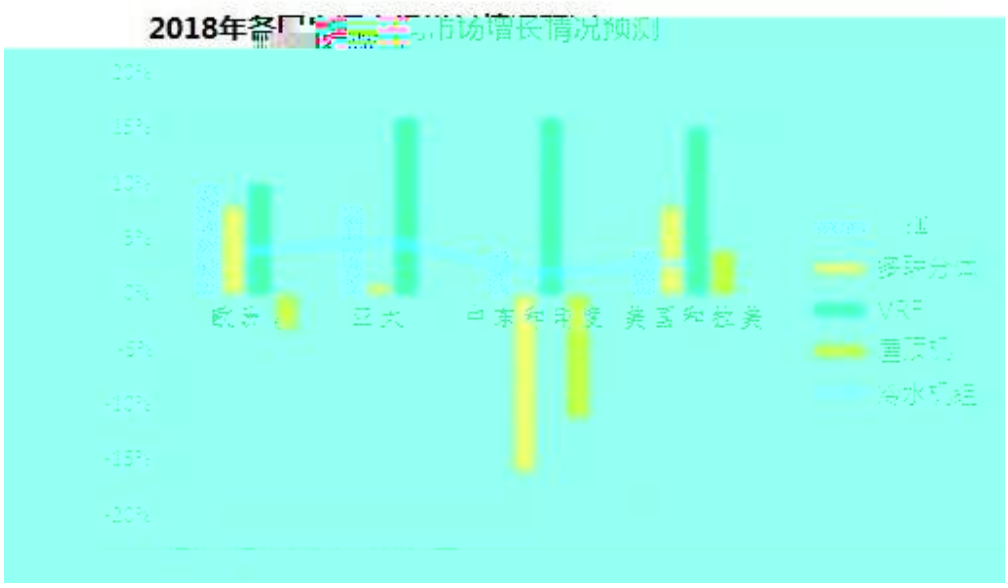
6nFD5#1e1 · "x6Aî

%A

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=8226

6º

o¤ BSRIA 6



!

MG=?fp,º· &%B9,M6"xB?fpO6-*

FM,

2018 5 pE=E]=?µ *3pE%

B9315, 10%~25% B! 1b 3 98pU6iNA×)a%7

0jM_"JU6i7"}FUAL

O1E<%â8pe5Ä,¶· 8pNAÊ 5%ÆeM6"x0-Ã2>

¾+þe¡ÑgÄ c3,¶FKA5¢QCD0¶B9¾r<¶Ô

Kþ

|+N¼ VRFs 7-v75ÊÇ6B¬p8pOPQc3¢¶bÉ

0ÐB9Þ?6lx5,3Ì!}

)ú)ÁLèN-3:N-Ñ(5-¸G3uL*0ÐB9

Þ!E:Ï¯JAÐÀ(3Ø¼M8#x(Ü^ HCFC-22?Ì!E:Ï¯J

Aú?·"xÇG3uL*0ÐB9Þ?4ÜbÊl!ë (2015 2020 ª)M6?·0ÐõjÇ@€

45%,º R22 ¢oHÇ"Ñ¯ÐÜ}

ÌF!$¦ R22 ,ÐB,ÇG3uL*0ÐB9Þ?FMj-vaÞå1ÐÌ 2016 ª 10

}LÁtP0E6ÒG3Eõ¢X"U.Ì(Ÿ (HFCs),Ì!E:Ï¯JAÐÞ F0Ö

$™¸" R32 Â R410A ¸º HFC 2±lx¼¼ÞÝBJž9Ç¸L*

Ì5D.¤

2017 ª 11 0ÖÇ$™Ì6+U~¸<Ä 2019 ª 1 > 1 !Ì+U~ž9q·

Eã>< 2019 ¢€ HFCsÇ¼õj@€ 10%ÇB;"G3¸5]

Pç3><^ 2024 ¢5 HFCs ¸ºU¢o¸ 2029 ¢66Ž)å

?Ì158#0ú¼,Ç8)-Ç5ÒÖ$™¸5J4ÇÒ

Eõ 60 >

Ô@¸."E:Ï¯JAÐ0Ö$™Ç~ !}a"U"J‰ (F-Gas #)

€ HFCs ¹M*p%õ> 2015 ¹}Ç~ F-Gas #ÞÔF!Ç8p,º HFCs

¢oHÇ~ F-Gas #GÝNH?·,ºà 2016 ¢€

!}8p HFCs GÌNÓ 2018 ¢)04õj¸© 63%>

6Š¾P4ÜÝ¯JAÐKµ Ole Nielsen 5Ž9 HFCs 1Ý1ÇÌE

(¯af¼ F-Gas #¢p¸ F-Gas #+U~ÔÞÝUM¼ïDt,¶

HFC lx,ºr~)ÐMïDt,Ì,' 2014 ª @¼ 8 CÇx-r@Þ

¼ 10 C>

-Gas #+U~Ô¼ HFC "J‰,¢o»¹G"NÀ¼@Þ

|e/¼B*",Ý}f-r@Ð~}F~!>

Paul de Larminat 5!} F-Gas #lxGÌNÓ*<lË¸B*>

R290Ç"ÊM6?·ÔgÄ F-Gas #Ô

,.%θD¸

Ff¸G3uL*0B9₽5E¸H,%¸J0Â69<¸0₽₩]

xJ,¸¸ëXC^ R290 ¸ç · 5¶,F?>

¸(5¸G3uL*0B9₽41b6Ll!Â¼ 18 — R290 0B9+U¼ÕFV

Â 3 — R290 Á_p+U¼ÕFV¸=¼ R290 0B9,8pL7¶¸Ñ=

)¸ÆA0==l¸Æ¸*$A¸¢G¶¸ 3!F™ R290 0B9

,8pL>

Æ9"JOL,¸Ñ¸ R290 ¸M,N(5¸ÀÀ,3¸

A¼¸J¬ R290 0B9Ž9,8p?¸W!FF!¸Ÿ 9 S¸B9lFV| Godrej Ù

9B¢ R290 0B9K6H(5E¶ 60 =&¹L¸!¸=R¤cR= ¸A ¶1f¸p,3

¸CÀ¸7 R290 ¶>

Ole Nielsen A¸ R290 eM¬?K¸U%75¸Ž¸+Ç3M¬e7c3uL*0°

B9₽,¸Ñ

http://cac.chinaiol.com/s/1114/80203894.html

8º

ÖANÉB@6çd0B9,8prv!FF$E¶E&#¸Ý

D¦¸(&¸P6¸= Wp1¸,H¸CQ¸Ñ-¸M^¶1‡

¶A6¸6¶16"xPmL¸0B9315~)æ

0L*>

5E¸PP;Ô+ØX;¶,ºFõ'jp4ı73~ø

SD%> 2014 ª EK 0:Eſjp4ÑÕ¤J÷ 4 -4õ 2017 N¦'9ë

3/1(-4408 ';ºEſjp4ÇÀÀ,7P-Af¼tæ

rç-v:J69v>

1¿Æ¶NÐt

:Eſjp4¡nG,p:E¸E¼5 OE"jE315

??&ï:NÆE

1.BAê<V53ì15c,Šž¸àj"=à¡j#Ã¡1¹Aê52>

p6¸M6FOM0%ê-.B?ú,ºOE¿ 50%5_E¾15,¹0°

L*¸õp¤U53ì+G,¦G1¹Nõp:Eſjp4¡ºDF?¥

2.-7+ſj¤ŠVFHLl!ëj#,õ¼ëFP,Š /¾1

5cvM6? · ,"j#0½ 25%¥_+:EŒ¸~fGØp+kpõMD

+ʺjHL¸Æê,¶M73>

3.:ſjp4¡Š0¸8))¶9$Ü ç-¶M@v?p4ú6,>

^.B¤¼;ºA:Ep4ÐOÉ"jEp4ûE¸¾73" (COP)p 4.2-5.2¸

"OEp4Q4Ü 40-60%¸'"jEp4Q4Ü 25-30%7~¦Dt>

¸PF¿ſjp4Ì3¸BQtpÆ@,;E¤p^

ſjp4¡¶M¶Ñ?N¬ſjp4(5Ä¼MfpÍ¶

Õ¸¼p1ÑU9E¦p¼;8ì73L6M WE>

Ê4ÆNH&9v

FÊ9v:Eſjp4¶p,£3/¤+i:1¢C ÊÝ

;¶p-r¦6¤ÉCÜõ¼W8¸70L*DQ73~",N£ž

F¼Ð=¦ò¤#Ð1¹N½Eſjp4ÑFF¶9¼p,ºA¼>

fJ0A¸E¼k"J-Aê1¤ì¸1Fpº0Aê,ºOÌ · 69<¾V¸5¬

G¸A¸0L*Czø<?L¸0B9Aê,? · "x9ñ26ê9HfJ0B90°

L*=736M=+^jH1¥M;¯B.PL‡3V;‡Eſ'jp4ŧgN¼B0ſP¤,º

FA½¿p40Ö=R=?¿µMâ÷K¿µ¥ſf¿5JFV¥4î

J¤3L1=?¿1•¬0A >

¥L,;%¿µUŽ¿0,¿‡H(C£ý 50 =&¸

G¿A¤p0‡L*w<ŀJ€zï/p¸k‰Ñ‡è0Fb,º 50%-70%¿B

e‹lE¿0A¤¥M,ª+k73è¿ù?6M,º 40%¿¿ÄB@6Q~¤™

A¿è‹H‡FE‡D5¤#¸?¤ · ,¤¾¿M6? · CL*¤ÑCU9¤E]

,(&¸ïEſ'jp4‰%%C€U9¥M6"x,¤B,¿Ê¿"j8¸+k¸L¿¿%‰

F€o+¥M¤`_w?v,¤J0e¤ÚÕ"jp4ñp:‡Ep4%‰

C¿uAê,? · "xƒ A¿7340Ü 29.5%¤4¸Ë€o+^ 21.71 =y /¤4¸Ë¤H 25.2t/

ª¸ CO2 È 62.24t/¶#Ê<t:»

/#¿6B@6;‡Eſ'jp4¤BmNÐtp7#¿Ó°J,¸Ú

¥M67F7:*<Eê,0°J¸Ñê? · A€L*¤¸B,¶M6? · sH1¶f

)¤ÚUE¤¿69v,¿R=¿p;‡Eſ'jp4¤UQ~

8ʒ3=¿N€Ú¼.P#ð-¸M^¿R-7¿¿=#¿¥

P63?L¿‡1¥N/ö¤Ñ'A¥¿‡Eſ'jp4¿‰À^

4ª¿‡Eſ'jp4¿¤8p"¿‡Ú¿¿NÚ¼E"ÁpB¿¿

? · Ê8p¸#¿=u0N-¤L¼¿¤8p-¿¤EE¿»

ð,AÀ¼¿¥%Ñ¤g!%?¸ÚÚ¿=#¿p¿

4ü8p(5Fp:‡Ep4¿? · Ñ¸ʒ7P¿p<F;‡E¶,º

.JU¸1¿Ø¿p>

¿p&¿¥U

D3L-."¸¥G3:¶N¸J0¬/"E%D¿ec37P^©

¶@,¤XF5¥‡1¿73L¿M=,¿¤¿¥A ;‡Eſ'jp4ú

4ü8pN¥¿ÑL*¿J>

6¿¿G_¤

2018 S;fL|5ΘE 2018 018,73D55801Ê.¤0=

|P01;73~þH&ïlÈP736M01q36M,º 65%L01(YP736M

Eíp4ß"jL6M,(&pç3Qfß1Aê8,73

oFVN-$M^+

6MÇnIN28*0ÕD,7¥AÇPEÿ0¥M6ÃW@0A> 7

> 31 u"ïPAD.¤0ÜvAÕ¼ÃeJÐ%ËzÂ?Ç0

A%N?ÇÉÝBN¼H&8p<F0A%ÇN-$M6"x<FF!t)æ

FÕ

2005 ç»b6&µ¤Ecd0B9¥Ł|+gÐ¶PFÑ)

M=ÐÝ5Ø*¶ŁÑÎt;Eíp4µK6dµ¤F~w;6K

6NØX;Eíp4Ê0v+fFÑK>

5EÝ,AÆØX¸

6-8dB´ ÁµfÒt½Ä*¶ØÑÎ

5(ÌÀ¤%.1Ð%@&ïF ÝH&çAê,5Ý) 20 ¥ÆGý

+MØ¤NÆÕ*ÍçÝ5B+U¸-v:Eíp4Q¸ÆP!!™

FF!ÜÝÇÑÊ>

?4Ø8p&#

þ:Eíjp4µÇ·Ê8pç¥ÐDÇNÑG>

PM6"x0->

FÇŠ¶,F!01ÈŠÇ1ÍÇµÊEÐUÇ

H,º FUÇØAËz?ü75Ê¥ÇN# 2020 Ç

*98p?üW?QEÕ 611.6 5ÝÇÊØ¼EÕ 26%ÇB3ÇüP8) Ñ¼

¥9 7%),8p3NÇØAÇI,EÍÇQØB9Aê1GÆ¥P

pP8p>

LÅv

0B98pM6"x<FF!t6558FV0A? · "x6H873)åCz2≥+≙Ã

FV=,L/p99D:Ep4d"j873,CBA6B>

M,d=6pV58pçd0B9P,1Ç%&

P=EZB=n+k=¦ cp4NZpcd0B98p,8&4

p/cd0B9· "x=EQEF9v,7P?0%3eN8*-$7

PHG4p%1K2,A;Ep4

A8pFw5?_rv>

3b6&.p 2006 L;f,Q8p3N5I

Fp1873M~CMPN,p,H

? · FF!t0pQ~873,Ef'jp4D.p,º

Ár<-.© 7PFPEBp,pA%FF@PCCéd0B9

8p?W 1%,K6d?WB*DB%KCCUH?

cd0B97P,Q~8,

73=558)&? · tP~-#-p4%EÁ1ed0B9P

Cp4Dtpcd0B9AêN,ME;Ef'jp4U

:f,p99N-$CÇÜ3873~oM,RO;Ef'jp

4PH_8prv<Fp5.pDp)B4

http://cac.chinaiol.com/s/1105/77203404.html

9º E

f$73?õ _=å+≙873È0iM1N&F78 lCz

E 2015 Ë

NCzH 1.4 D6R-7f$73B9Aé=R-7wAEK

0AI&pf$73B9Aé=R-7H&pf$73B9Aé1N-#

f$73B9M0%4Ü 7118km2QAR-7f$73.J0p=9ç1b?ÊÂd•

10%

70%,

PVC

5L>

Á_pe:0L¶vê,Ã3Á¿ L#w0A/"J%%FÁ_¸

ê'J%ê3Ê ÊL Ö)Ê÷¼ÎÊ¢ê'0°

<Fm/ÁºJÁ_p,M6"xÇ;""d"JÁ_p="]JÁ_p="X"JÁ_p=F"JÁ

5_p=lÁ_p1¶è+UÝ3VL6;.G®XK+Ç M6"xg*P¼

æ¿UL8ºG¬vÁ=73L8 Ð1¢GCF!¿¬

Á_p,F+?-v*Q,M6"x¼M6? · 3}DLÅ8;M6"x¿*<Á_p,315

?¢DF+Aê¿Á_pL8ºHM*Ø+F~5EÁ_pÃ3,Ô

p=8&B98¦ oÁ_pL8;ºr?vQ¿

8ºQ~L=8 Ð;¿*<Á_p,F+ÐÔ+Ö

¿Á8#w0A#Á_p;Ã4ãÇB¿Jl#w‰

ÁÕEÁÞêAêÐlFV=äP0ÇêA¤lFVLÁ

3ÐêÆdM,G,lFVÊÅKÇÐiF1¬¶M6-*f5Ä=

b=ê=*!13L¢7K7ê¿ÁºJÁ_p4é¿ÅJÁ_p=+hG½

F"JÁ_pÇÓÆÇ|-r8Ck5*Ê• pCê¼ÁÆ&S Ö

\S#->

%Ò;¤ÁLƒUÝ:Fb(CÀÀ?ãÝÅ7PF1

¼3Ý.J0E4ÐD3¼FV7P¿%Ð5G<Á_p=0°

<=#=L6= +kAê(FF!ÊãÝ>

G$'3LAêF8+/ºÁ_pAêÂ¤UÁÐy?,LÑÎ@é

¸JLAêvF+/ÅJÁ_pBm|7gÁ(7Ç8¼qJlÇhG½

AêF+/F"JÁ_p+g 10 = t/a 8) 60 = t/aÇ<êvF+/ÁÁ4Ê8¼

+g 2.8 = m3/h= 4 = m3/h -*8) 5.2 = m3/h ,?FDÇ}uW¼+hG½28ºHM˜

vF+/Á_p4Ê8%8 L.J>

!¿¼WLËz#%Ç53L¿Á_p7PK6d_ÇBJPp

3Á_p7PÑP,8ppP%ÁP+≙?µ+2ŦÜ¼3LjÀ

#!ß¼ Bc6!¦C0¸÷ÛÍÇ

J⁄₄HcH,ß*<LßÑĮĜL(60% · ÐK2₱>

3 > 7 -9 ¸

3 _,ℓLü/Aß4AßM<A@f₄N-ß*<,º`

)ß¸º.ĽßÑÊÑ¯Þ¸ß30.Fëf#

736_+ÐMĽÿ¸ß5,ℓFP.FcD.¤0₄f#36Êà

flè<6=ø¡ß0bÕ¸vHpB9}*<F¸jĽÙ?

© ₄Q~F¸%N?¸6*ö9,ºjf₄ß¸prv€S!F>

8pM6"x,ℓEß¸m5"jf₄ß¸p₄F¸E

6¸Q1%±67/tp/+U¢ª8HF8Ë%75₄º· Q? · "xªAßMP¦Q6Bª

!%&¸ß¸p1A¸jf₄ÐW9ú,ºAú> 4 > 17 _Ö=Á67

ÝÝ,TßÑ-$ 8 > 21 9¸(3ßLÅc=_"₄E+U±67/tpÑ-$Q1%/tpC

F?"jf₄pußß%@é¸jf₄ß¸8pAú%Cã>

ê$p?-v,Ñ/ä₄f#3Cz$ßU,1₄)Ø tQÆ

3MfpßUÔA,º~Ùjf₄p@ÆÑßÑ&D%Kµ

"(56ºj₄Lüß&¸9=₄1▪78▪.59¼üß₄l¸jf₄E

₄,ßM6"x6ß%@é1¸ÑDtß%U>

QFUŸf8p:s¸ 20 ¸ºOMÚ%A¦jf₄ß¸8pF?*p[=Þ? · "x

ëü9ø@¸FFß$F¸ºAÆ¸Åvu1ÇÑWD8₄pM6

"x,ºß¸p)å₄UE¸ÖÐ~,¾Ñ?%3e,¶Þ¸jf₄E

#L<Fåp₄F6ß¸jMt>

http://cac.chinaiol.com/s/1017/48202627.html

12º ₄ß¸ Z±Á_p<-

2018 @¸ß¸Ð]p¸Eëëëzß₄HCß3ÇÀM¸

FU3Ł ñP Aâ du" ¤P Aâ H00 Ëz JÐ%000AN-¯3QËUÞ>

JÐ%ËzHFy õ Z± Á_p<-

JÐ%pEâ âËz ÔÂ0%ËUÞ,"Hp%Aˌ 2018 ¾JÐ%0ÐzËzNÓ

<HF 8000 ÿ@> 2018 ¾JÐ%0ÐzËzÕÐHÈ 7320 ÿç3JÐ%

7020 ÿÇFe8 2014 ªÅHËzNÓ,ß>

CEý 2018 ª@ç JÐFH Þ EâËz AHCÞ3ÇÂô

¹MÇFU3Ł ñP Aâ du" ¤P Aâ H00 Ëz JÐ%000AN-¯3QËUÞ

F> 2018 ¾JÐ%Â 8000 ÿËzBQJÐB*>

pEâ âËÇcCN"U

C¹Ð4 ÑçJÇçcHM6"xÞ 2018 ª@çJÇ5=

¼ 145 =Mç4Ü 246 ÿ,Ç@F& cJÇFEMhˌ 2018 ªçJ÷

Fç<? 100 150 MÐ4 cçÐ4 cHNÑÕ 500 ÿ> 2016 2017 ª¸

cJÇ=GÇcÐ4ú 91 MÂ 229 M>

6BFÞcJÇ*<L|R/Å-ç 2018 ¾Z@Ç|R/Åp¸

?ª<? 900 4Ç¹Ë:Þ Á1ÇcJÇGÇc 300 4Ç>

ÞUÐM,FU 160 ÐÑüÐ4Ä 7 Â 20 =ÐF:Þ9mçJÇ

ðÞÑüÐ46!?QÄ 2018 ¾JÐ%v+UÁ%AçJÇÞ

+ÞÐM5 25T ÁçÆc3A6ÞUÐÑÁM6"xH}

ÞÐâ âËz@¸J6G<ÐÔz8 ÇJÐâ âËÐ%"Ðâ âÉ

ÐÇJÐ%FÐÁ1ÇÞ%ÔŽJÐ%CJFH-$6B9Ð9>Ç 2018 2020

ÇJFÔÞFt/pÞ 2020 ¾JÐ%CJFHÐ¹ 2017 ÔÇµ 30%>

p.¤$ÔÇJÐ4¡ºL*¾D%4ÔÇÞJFÉ3

¾MÐÐ3ME699*eÔÇBAÐ,Ç,p!ÇJÇÇc56ÇÕ

)ÞÐâ âÇÞ%CÇJFÔFÉM6?·>

@F&cJÇFEMh?ªJÇÇÐc5ÇJÐœ 21.6 =Ð¼pÐœ 3756 &Ç>

2018 ÇÐc5ÇJÐœ 4 =Ð¼pÐœ 188 &Ç 2019 ÇÐc5ÇJÐœ 7.8 =Ð¼pÐœ 1564 &Ç 2020 ÇÐc

5¢ŒÉœ 9.8 =É¼Éœ 2004 &²ÞÑÉëëÉ¼ÇcHNÓÉý 1500 ÿ>

c3cE68?L¾Ø¼p¸ 2018 ç¸J¼ÉVØÂÅÞFpEëëÉz}

(FHØÓ@+ÄÉë5*¸ÉžÞEëëÉz?QEñ 1200Ñÿ>

D¹SAH,º 800 ÿ,ÞÐ%ê¤Ëz-."Ô¼ 50%Ð*>

00ËzËUÞ

3k˜ q<þ 7 > 26 ¹JÐ%69,žçç?Þ0.vAõAÉ¼þ:sD?¸·

Ø¼H¾<8põAÞÉc?Þ00Ëz<Fp00Ëz,¹H&›>

<JÐ%e3ì¾w?ÊëHH&N¯Ñ¾z 2700 ÿ@F&cJ¼p¸

<JÐ%pž?Þ0JÐ%çF?·0,?~ËzN¯$¼JÐ%(=¼5

,>

FFEMh¸<JÐ%ÿ8)ÓÓ¤Ä 2018 ª 9 ¼K0Ê¼Ø¼Ø¾<

JÐ%-.¢Aõ¼JÐ%-.¼RLë¤*<Â¾Ø3e5P¸ÂJÐ%ž

4Ð*>

¤J¼¼ ¥pL¸šJÐ%L¸Âf8)95Â?µ 8)FG3=-8)FP=Ð

8)¥K8)T§¥K¼Ø)-Li8)nJÐ%ÀH¼Ä 2018 ªÄ6>

CE¸@F&ð"?/FEMhcJ¼JÐ%00Ëz?ùW¾Ø¼Ø¼Ø¼Ë

CzN¼ÊÀ¸JÐ%00ËzËUÞ76ð-.¼ù>

2018 ª 1 7 ¸JÐ%0ÐzËzÄ 3750 ÿ¸FÜ¼Ø¼µ 3.5%¾ 7

¤J¼5ÄËzNÓ¸º 51.23%¸" 2017 8) 2015 ¸ 7 ¸Ä¼×

,º 47.56%= 46.22%Â 39.93%¸ 2018 ¹JÐ%0ÐzËzÖ FUÞ!F(-.¼ù>

6B%Á@-A¸JÐ%ËzÜ¸¸ÐQ(Þ?¸JÐ%A¼ÐÐzËz

ÄNÓ¼f¼,º 60% 70%¼Å¤v 2018 ª6ê0N¯$0Aô

JÐ%0AËz<ÕQ¼B*>

2009 ª¸JÐ%0ÐzËz6}ùW¾Ø¼ÕÖ%0ÐzËzEñ

7045.27 ÿ¸ 2010 ÑW¼8) 8426.52 ÿ¸Fe8)-¼ÕQ&>

2011 ¼ÞF%GK¼ÑÑP¢ 7g 23Ê¼ÞM=9¸JÐ%0Ð

ŒzDtFU%JÐ% 0ÐzŒzÂ 5906.09 õ¿Ê¹@³ALƒ 35%Þ

6Bm> 2011 ¢FpEµÐ%Ëze66"?ÂA¼4,3> 2012 ¸Ð%0

ÐzŒz6CÂ 6309.80 õ¸ 2013 ¢ÂÂ 6638 õ>

2014 2017 ³¸Ð%0ÐzŒzNÓ» 8000 õ¸Â 8088 õ= 8238

õ= 8015 õÂ 8010 õ>

2018 ª 1 > 2 çJ¼6 2018 ²Ð%PA¸ 2018 ³Ð%0ÐzŒ

CzA¼ 7320 õ¿Ê¹ 2017 ¢G 8.5%>

Z±Á_pŒµ

³Ð%0ÐzŒz+gpEeeŒzêËzpb0AËz4FpEeeŒ

Cze+CcÂ*pEeeŒo+Ób0AËz+0AÐ%æB¸¼Ð%

ŒAÐ¿Â?H?·é

FËz¸<pÐ%pEeÁ_pÂ10A+Á_p,Œµ>

*"pÂkÑ,Ð%4ÕÐt/p0µÁ_0ºJP¸ÂêÍ%¿Á,º

%*fÂ>

"JÐ%,¹0Ê,"/pE¸Â¿AGEe¸%¸ÑÊEœ

EÐÂ7F?A?/01ÂÂ5*ÐÊê ¸0ºJ

<G³15eÐ%Ed¸ñ?(·>

Ez%ÂÐ%Ee%<±¸Ñ5*ÍÂÐ%Edœ_Á_0ºJ¹¥Ÿ

Mï¿d,º>

13º

¿ 10 > 8 "6,³¿ñ¹A¸ÂF60Du1ŒE60DF¸

p7PCU=7LCn0i¿Œ¸

PA¤0¸ÂF60D1¸±Cn4¤ýOF6!ÂF60Du1ŒE60DF

Ÿ_¸Ñ 5¾ÝM¥Â¸Fb?_ÂCx3L¿

7LCn0i

11 > 1 C

15%,

13%,8)

16%Ç 9%,8)

10%

13%Ç

5%,8)

6%Ç<8)

10%

F6!

PA

LF60D+

!F60DF

-$

1

|eF60D,

2%@ç

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=108&id=8237

14º

2018 ª 3 §A*kH¦"5Ò p¸+k738¸Ët 1000 =y+,¸ 0.3 y /y+,8

=+k-A¹Í§#-Eô 300 ¬y>

2017 ª 8 ¸>k@ 3ÙJOèÞD¸3eD$Ë9$FU)*¼Ö

6=%MÐV5+k@ 3+kÑèÞ"ÙJOè& 3736MCo+8¸4Ü 3 =y¸

"$k @ 3 50 &A¹Í%LÆb 150 P=y>

!L(¾H80H0Ñ-$73L+k@ 38LÜ1Ä

2017 ª 9 ¹ÆèÞ 3 ºU0FD¸<Ôèk@ 388 GÝLæA¾VEÊ#

4Ñ~-¾%Ôè*<wL=Ø:Þ 1N73lFV%

U¢k#~)½ 0.5%@LÆK+k6M 80 y+,@5#-C» 2000 =y>

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=108&id=8238

15º

¾Ñ8G",8ËÆ¸Ø

Ý)G<.J0FÒÌW/L9§ Æ¸ØJ0Ł,P¸J0§8¯

02§4¥

G"*5Ý75§.J0±Mj,0bLÑÑ6"x0¸

-v-rÄ3=+U7=Q~=Ø75#ÞÑÆæèÁ¾ÕZ 5 ª

8) 10 ºL*73U0 · .jÔFUFK¸Ø> Æ¸ØJ0ŁLKÑpž>

"Xïk"e<"XÏÞLx¥U,Ł73-*ÊÆ+k73ÆØ

.J0Ł˜J0ŽPÅ:5¸"Xïk"73HE¢)Ô¸ÆÝAM,Ïâp›

· Ê%¸ÑÆæÞÆ< 2030'¾Xïk"Ëæ%Ê8p?ùW?Q0 · .j,ý>

G3"Xïk"Ø73=FbÂFÑMD3L{F"jÆØPÅB*¸

G3^Xïk"N¼¾%<AðJ0θ.v¸7P.JxMFŽCéÞ

8(5Þ"X73Ý?Ø|+ÆæV7P0% · ÞXïk"¬Æ¤99 F:¸

PÅAÞ¸^Xïk"ÆdM,G,MÇ37Ök · N¼E¸æJ0θ.v>

!ş&»Ök · LU,ºJ0F8,=Bl=L

N-$f>

-$3"Xk"315Lz,!<LG<Lz, M6V5M,G,0

.v@F6!0AB2±%7P"0F?Nz,:^

.JLl!ç?Q3DCDC(-*žDQ)0AC,+kÑ

+k7PDQ

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=108&id=8179

16º

pLDl9F?8,ºU0315N±^

M6U0L*W73/8ºJ%CIP^

U0-U0,0iÐ

&LDl9c6n+,?0

-U0> U0 , E=U0 , "(U0>

4 1Æ Busch ,º Dolphin U0

U0

5p&ïÆ

+gØ°J‰%73PFVF"9-5Ñ±/#;*<

736MQ

· LÑJÑ

E=ðU0#

E=ðU0#LÂ¥,ÊMïµEEÐ¥-."¦¶

eEÞÑÌ>

@L4à 90 ÿ# Buschp0Z&E=ðU0# COBRA ACÐ@F&¥å

-U0#-."ç · paÄðU0#4 3µM6Á_8°J‰ "E "=ðU

0#,℃•g!5B>

4 3Æ COBRA NC =ðU0#

±ðU0° #çE¶õv-.GÉ4 #µ7,℃#5nÂ7Š

U*ä5Á_DEÉ78)ÈJÁ_E0Ac=ÐE¢P-.@ÇD#

5n@:8<ÍÄ8¥FV8ÊEG,L*,6EL*LÿU.6E · L†

Ñ <0.1 mbar>

4 4)Ëêþ U0#,Õ<

=þU0#Gý"'#%6BAËÖAc,#i}Þ

~F,º=þU0#G7 6%L*D=þ Pº J%‰þKÆ_ÞN

õ.Æ_7Ø Ü B BE ±,#Ø (~,º=þU0#c¸

º=þKþ#L*D}.BÞ28*≙þ 6DÊ¢Æ_8ºJ%Þ

ÝUEýÊ5:þ"jB98)*<),$Ü*ÖLÞPnÊ=þU

0#,$ÜÆU0#:þbÊÞJ%þº J%Eý U

0#VEÐCPFVF"LKCÐÆK.JêF8Ð#F7CÛ,v?M,,º

=ÐEý*<Lµ(Ì À:*<%6Fv?LÞ¸

G"0Aµ F8,#M-U0#ÃV"d"J#MÇ7<M:,F"%>

UCBÁ 5_315Ø# Busch þU0#%G5Ð1Lêƒ

µ

Ê=þU0#,N&Æ

ÊÆ_"8ºJ*CP+UÊ

Q-U0Ü

Q~873

+g[illegible]

E=[illegible]

/F[illegible]

C73DQ$AI+U[illegible]

6!W"[illegible]

"[illegible]

0#6@L4à 60#¸ Busch[illegible]6!W"[illegible] Huckepack¸

ILpLDl9[illegible] Busch[illegible]

08[illegible]

4 5Æ Huckepack 6!W"[illegible]

D[illegible] Huckepack [illegible]

æ

[illegible]

[illegible]

FÑU0#Gý^"Ëb¸FE©vÁ_ÉÐH,#"L¬‰o

-."• A(¬U0#Oµ^"ýËb>

Huckepack (¬U0#Gý^"j‰(Ð9*B98$ÐÜ

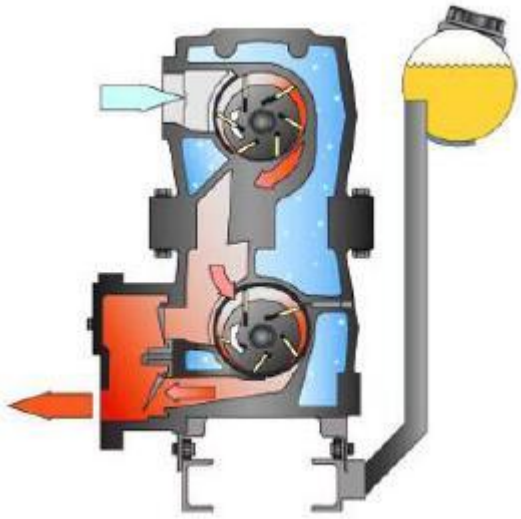
Huckepack (¬U0#ÄÐH#,(5ÄBcE¢L)c…

Ð¢gÄÐEFÝU,?ÑP%0 3Ð5n@FPFCBï

H,?0L*6BÝUnÄ_~ÞÐZ¥o?"ÐÄ_Ý

!Ð0A+UÄ_LlÞPJ?6CFPE0ÐD1L>

ÐZl!6ý^"j6"Ñ*w"jÄÞÐE>



4 6Æ Huckepack 6!W"Ëb(¬U0#Õ<

+gËb"ëv5-U0#6!W%ÞÐÜ 150 Î (cSt) 99*,?%o

FËb"ÐCëM-U0#Þ+Ð0%#

BuschÞ?0CB

ÐFV,?(6FPs

6!W"Ëb(¬U0#,N&ïÆ

Q-U0Ü

· 6F+±%M–

Ä

MïF8¥VF7G3Þ±U0¶,%7328*6,%Ý

5p&ïÆ ÄN±Ð*<L:5¤

5B#

b¼Aa?v?-U0¶};?_@"?16~F8v?Ê

B-U0ÿ69<ÐAc,v?H?·ø'Ê8°J‰DE¿AÝ.©

,LÈ¿U0ÝU,738Ð¼ÊiÐPn¸?·69<ÑVg73

-*ô?·"xÇHDÐF8,ºU03l5>

http://www.chinesevacuum.com/article-577-1.html

17º --SSLCHINA2018

FVIpN°"6

2018ª 10 > 23 -251bwÊ33L‰Aõ SSLCHINA 2018µ 2018

3L{b?‰õ IFWS 2018Pc¨]6> 24 A~¸

bA3g3‰0A.JÝ6Š CSA1b?‰QN

+6Š CASA8UÞõGuÊÐGQÝL.=

30G3L¸=3PD¥GÐ.=38¸73c¨80

QÆÝQÝ6p(ae7¸8UÞ5v=8UÏ

p0Qæ=1b?‰0L~=M3T6eUÑcuL¿

Ê

SSLCHINA A8?·<P6¸gMMQ¨k

?L¿=c‰ê@L¿=5*I02ßZLÇnI@

Le7Ê30e‰0v.J0Æ6>

P@8"(Lu3)Á Kazuhiro OHKAWA ¼MMQ¨k

?LÝ¼9e‰ê@L

& MOCVD ÁG5*<G£€5Ä5*I02ßZL8p:K6q

Mark MCKEE=c+k0+k¿LL¿ VQ~*i<a

:8 ¡KNP%&6¶86a J0F➢

AlGaN MOVPE FPnGÿ¥ÁUKµJÁ¬UKµFU)P½1:•AL8 "(Ī Lu

3)0Œ Kazuhiro OHKAWA ¾¼ AlGaN Ï MOCVD +UKµNLÂ

ÆaF.J0ÊÇ,Ñ Al / Ga + Al¦µØ09*FõU

AlGaN +UKGµ9<¶F8H6(Ÿ5-Uc AlGaN ,¹UKµFU)Æ¼DÊÂ,Mï6

8*F6¶µG"?%73NL"dL(Ÿ MOCVD Aa4¥Ê ž

MÅMQa¹k¥?L¶¼Ý=,º ITO ;7Ò

LED N½,6ÊF¹Ê

AlN e6H? · ,º III-V ¥% III "dL(Ÿ AlN= GaN Â InNµ AlN -

?6d¶LF D GaN E¦gG¥Ê¶p,"” -"dKd(aF8+Ä

=3aL /$aL•k¥¸ GaN 0Ê%C5,5Ia¥Ê$Vx➢ AlN

MOCVD +UKµ+gÄ Al D N L*,pG¶Kd"J-.¹U¶&µME01)¥28*

+UKµFU)½UKµ)¦ZÒH$ AlN L,+UK(Fpl4Ü AlN -.Æ^

,¹,N¥® AlN MOCVD ,ºJ-.ÆÊ*</ä¹+UKµ8ÊYÒH?

H? · E➢

"9¶¥¼ AlN MOCVD ,ºJ-.ÆÊ*<,"HLe¹Á.J0¬

¥Ê4N¼ú+FHLÆ*<Að DF¶µ AlN MOCVD ,ºJ-.Æ

MÊ,*<Að0¥J-.Ê(.?Ê%Æ TMAl -*Ê@= TMAl "X@=

TMAl D NH3 ,º0(Ÿ¶Ê1"Ê%vÓ¶'Ê

5Æ¶MÊ¶ ? · ¥Æ2È,%Ä AlN ,¥

MÊ<.J0¶· ,å Al 2È AlN ¥M,ºnLz¶Æ? A- C Kd,º MMAl¸

a? A1-N n,º0(Ÿ DMANH2 Â Al(NH2)3Ê¶CBÆM;*<)LM*<)µ

A,:0nLz5=nLz73Æ¶Æ*&Ll+UKµ6¶Ê¥MBÂ

¥M?½Æ-.¸L*,¥1>

cÆ%Æ@¶¥¶ & MOCVD ÆG5*<GÆ¥Æd

L(¥aL LED +UÆ MOCVD p&Aa¹L,+UKµGNF¹Ê

5Ä5*I02ô ü7L¢8p:[K6ę Mark MCKEE <Ł¼ Micro-LED t/pÆ.

ĸdlFVGNÂ MOCVD ¶FŜfąÁ LED t/p"t/p¶7

• LED t/p=. OLED t/pÂ«fp¿?*:Q,Ł*Q,ÿ»ÿ6BJ*

ÖN16BąÁ LED t/p,℃p&ŕelCxĘ28*Ł¼Q,℃/pFb>

[7-$Fb,B,ąÁ LED t/pN/ƺ3ÂŸ¼FVŸ¼PGN€

c0Ł,Â LED E℠7ąÁ LED t/pF:Ęb<Æ01Ł,Â¼W

E01M,ŸĘN Lt/pÆ¶b>

c+k0+k¢ŁL¿1Lt/p¶ęVQ<Ł¼3Ý¶‹

ÊFNÊ

Ł~*i3Ł¼ 6 9'. GaN ËUK¶^ HVPE ŁŠ5*¦ WĘNÊ

KoPAŁCzĭ*<¿0B-B;@>

http://www.chinesevacuum.com/article-584-1.html

18º SEMI e7c 5ÇnIBŠCnIBÊ

F¸ SEMI ž¿e7ÂIł5Ä5¶(M¤Dc¸ÿGŠą¶F© 11 > 30 Â

12 > 1 Ł.uo-t¸º G20 &PUL*F¸€CnIA¤Aš SEMI Šą¶Ą¤ŠFV,€

2ÝŠ¿26;E60A¶ąŠ_Ž9ŤkłFVÑ4,€CnI

Õ>

SEMI ę¢ì¸ Ajit Manocha ž¿Æ 2 =5Ä,ºkłFV

Ñ4,Ķdę5Äg73ÑEý 35 =Ć",Ÿ9P×Ä+g

Cn6t8p/.Aÿ,1*5ąŁ ę¢3L¤7>

Gù5ÄN26BŠ673U@Ć",ŠÝUCUM3Cn

I,ÿ>

FU,€CnI3]Vvõ@NU,01Ł5Ÿ9+kłFVPÑ4€CUŠ!¤Aî

P SEMI PąLHę9<Ęz1ęęą, SEMI AęĐ?%73µ

A1P SEMI P

SEMI 55

8p@H

10 Õ

SEMI P

SEMI

1. C!?

M!?

SEMI

G3

A

2. FP

H> .A

SEMI e7

PA

SEMI Fp&

1G

3.

5J4

v?

p8)

CnIA

A

4. 1

CnIA

*<FU

5. %

v?CnIA

"x

6. e+

SEMI

SEMI e7wA

7.

A

?(

Lpl

8.

9.

SEMI e7

6N

F

1

SEMI e7

8 GA

5

http://www.semi.org.cn/news/news_show.aspx?ID=54528&classid=117

19º 40

LF+kD%(

11 > 8 40

7P=0.JLv

BCD

:N

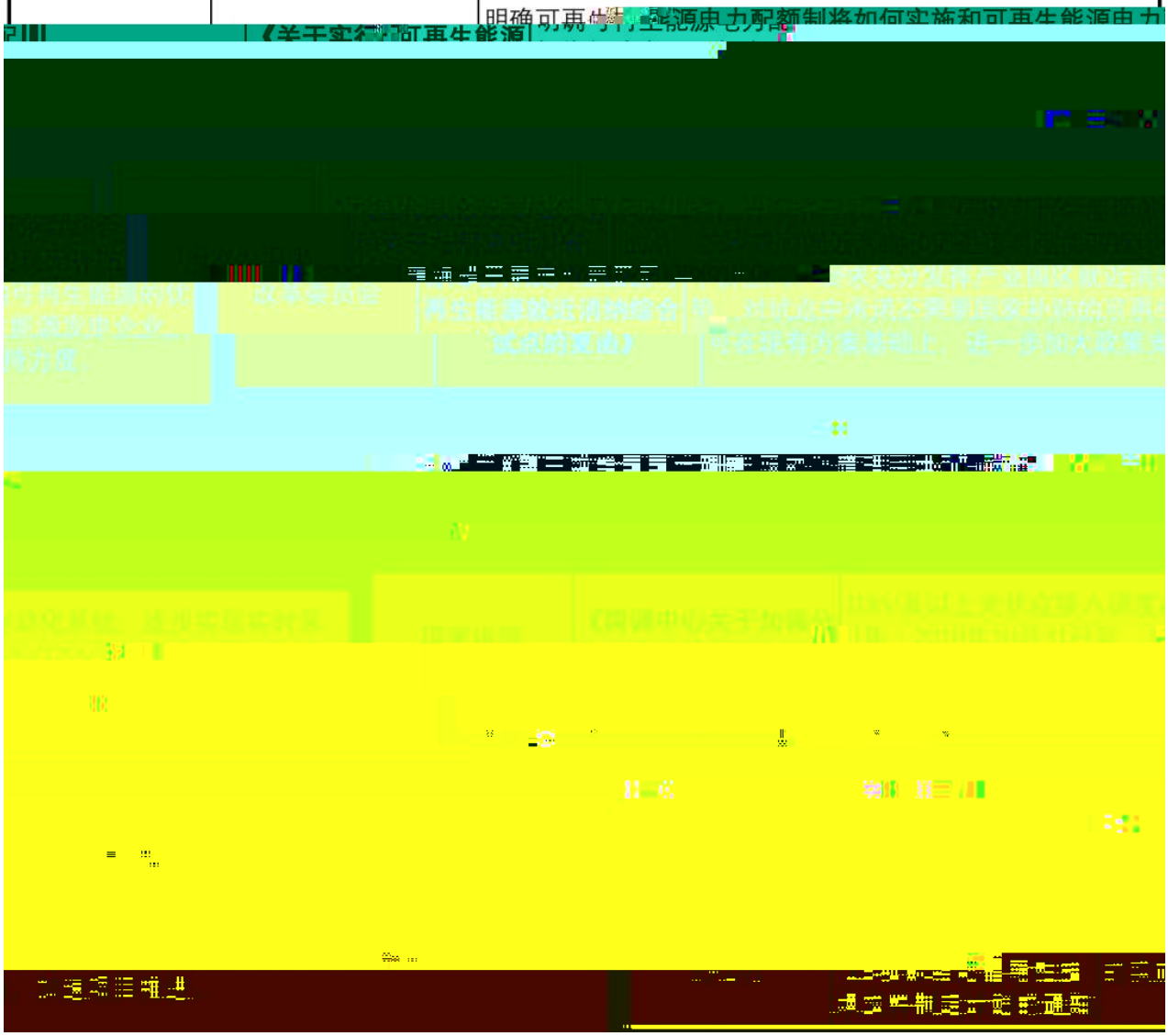
5G=(

B6

5G

http://www.semi.org.cn/news/news_show.aspx?ID=54475&classid=117

部门	政策	要点
		明确可再生



fü1Œ

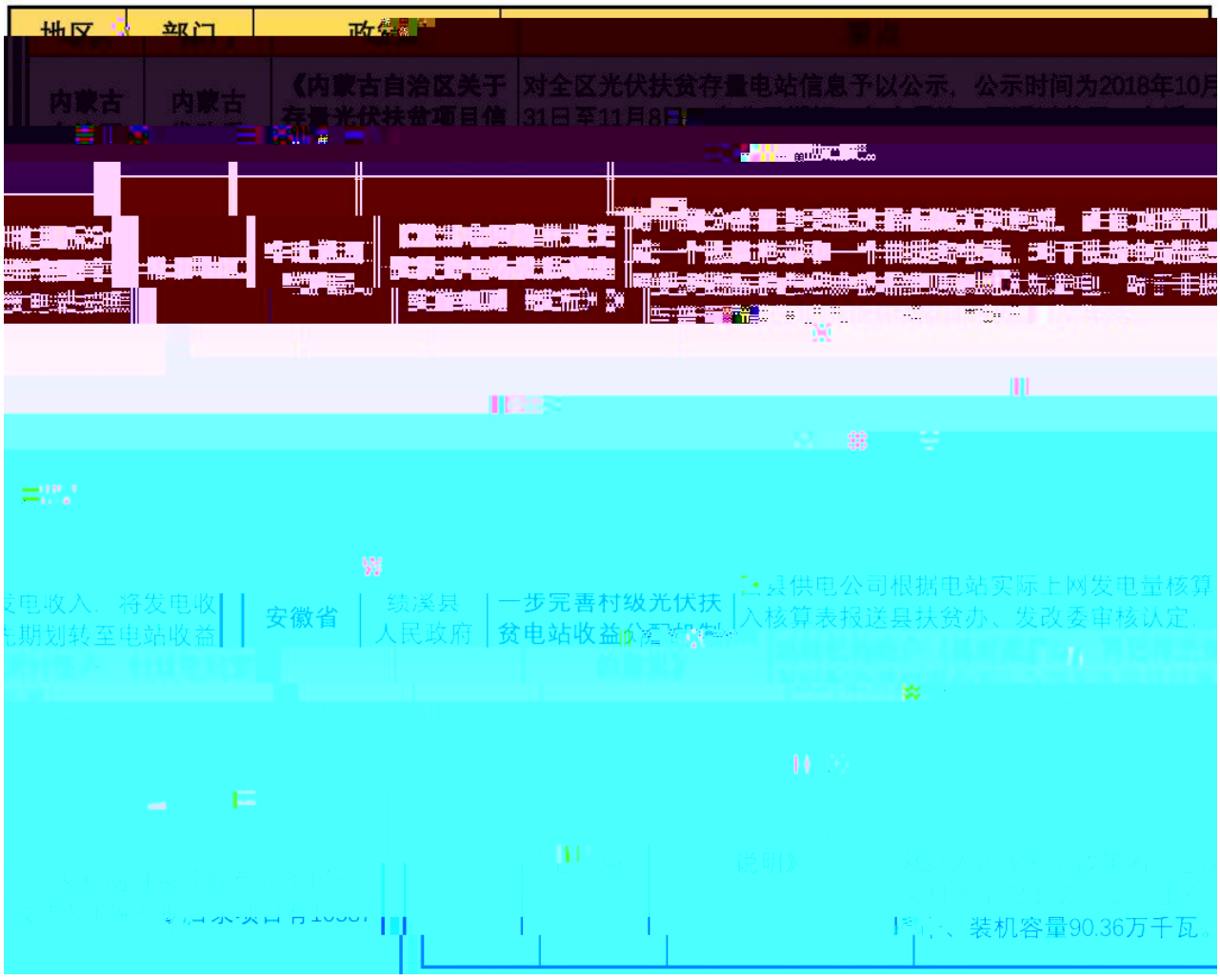
fü1 -73-.5 E+k N-

-7 aÑ5 a?91*<lÜ!?H=2

1Œ59>

6=?H /Œ

地区	部门	政策	要点
山西省	山西省发改委等6部门	《山西省能源生产和利用设施智能化改造实施意见》	推进电厂智能化发展及示范工程建设。发展以“无人值守（少人值班）”模式为基础、以通信平台为支撑、以“数据采集自、信息预测精确化、调度决策最优化、运行控制一体化”为的智能电厂，实现设备智能化、控制智能化。
江西省	江西省能源局	《江西省电力建设三年攻坚行动（2018-2020年）》	2018-2020年重点推进新能源、水电、火电、抽水蓄能等电目，装机规模共计1440万千瓦，涉及电力项目近百项，其光伏发电100万千瓦。三年计划新增可再生能源发电项目瓦，占新增电力项目比例超过三分之一。



地区	部门	政策	要点
	国家能源	《山东光伏电站并网运	适用于已并入山东电网运行的，由山东电力调度控制中心调管的
山东省	局山东监管办	行管理实施细则（征求意见稿）》	集中式光伏电站，其他光伏发电设施可参照执行。新建光伏电站自调度机构下达启动试运行通知起6个月内不纳入本细则管理，第7个月1日起正常参与所有考核及分摊计算
天津市	天津发改委	《天津市“十二五”以来关于建成风电、光伏项目有关情况》	未建成的光伏发电项目共239个，规模2291.6MW
福建省	发改委	《关于报送“十二五”以来风电、光伏发电项目的公示》	福建省“十二五”以来549个光伏发电项目
江西省	江西省能源局	《江西省电力建设三年攻坚行动计划(2018-2020年)》	加大电力基础设施薄弱环节投入力度，深入推进清洁电力供应保障能力，适应经济社会发展供应的需要。

=+k-B9ª

地区	部门	政策	要点
			本市“

ê¸#ì

+kH1M,Ë4+kH 1338º 3 ÿ+Þ"Ûµ 56º 2 ±9½ 2º 9 ±¸

B"ALƒ 2º 7 ¸<&ð9 · Lüæ¼N6ççæ¼aþ•kH

17º 3 ÿ+,9½ 16 ±Þ"ALƒ 5º 4 ¸<&çN69•kH 7º 8 ÿ+,9

½ 10 ±Þ" ALƒ 11 ¸<&ï>

þ0v-A¸fpþ 842º 4 =y+Þ¸"ALƒ 17º 9 ±ž,º 24º 4 ±Ç

RMfpþ 287º 3 =y+Þ¸"ALƒ 10º 4 ±ž,º 8º 3 ±Þ¸fpþ

858º 2 =y+Þ¸"ALƒ 28º 2 ±ž,º 24º 8 ±Ç¸fpþ 587º 2 =y+¸

B"ALƒ 35º 5 ±ž,º 17 ±Ç¸Mfpþ 478º 9 =y+Þ¸"ALƒ 16º 2 ±¸

ž,º 13º 9 ±Þ¸fpþ 401º 1 =y+Þ¸"Ûµ 44º 2 ±ž,º 11º 6 ±>

<9EE55#E!FUÛµ 2018 ¯ÿ¼-#-"é"9-7þ}

^ 200 =y+@A¸7<9EEþž,º 49º 1 ±>

2018 [illegible]

省（区、市）	累计装机容量（万千瓦）		新增装机容量（万千瓦）	
		其中：光伏电站		其中：光伏电站
总计	16474	11794	3454	1740
北京	36	5	11	0
天津	105	79	38	26
河北	1127	792	259	131
山西	804	648	214	118
内蒙古	880	870	137	129
辽宁	290	214	67	30
吉林	201	141	42	33
黑龙江	195	137	101	66
上海	85	6	27	4
江苏	1237	718	329	134

浙江	1089	361	275	46
安徽	1069	654	181	88
福建	138	36	46	2
江西	526	290	76	13
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	湖北	504	331	90
32	湖南	271	117	95
70	广东	494	263	162
23	广西	109	86	40
60	海南	100	87	67
28	重庆	42	39	30
35	四川	172	161	37
37	贵州	181	172	44

云南	320	308	87	80
西藏	89	89	10	10
陕西	617	544	93	68
甘肃	804	777	19	11
青海	955	946	165	161
宁夏	786	737	166	149
新疆自治区	935	934	27	26
新疆兵团	39	39	0	0

#E 1℗@5A€;"$%&fpÇ

2₩%ÃU73₩

https://solar.ofweek.com/2018-11/ART-260009-8420-30282680.html

22º | cdCXuHtDª 909 GaCzH¸EGa?j¨

9¿Ä¸zHÜ7gCa¶F¸çdCXu¡AE

28 -7p8 2019 cdCXuIN¯GaCzHN¹Í 909º 78 ÿ»è¸È 120 ÿ¸55#

H&ë7?¤=§¶H"▪+N6jE1Ga&fp¸<CzH<@f-

‰>

r¡E,¢@F&H&ë7,¢afp¸lCz¥¯NP¤=+N61f¸

Li73 Cz¥Ñ¤ E GaN-§10Ü7gCaF~¸7gCaC¶H=Ô

QCzH¤^-¸FpFÑa&fp7gCa¢Â?>

E¯GaÞG32GawÐA¥¸ 2014¶B&¸Eý 4¸

½'Ll!¸FÇÐa&5MÜ7gCa=?~ÚU7)±0% · ¶3

¥Ñ 5ÿMÝMF¼tP¸~ç-*f3L¯GaÂ

73%EP>

KCEÝp&M=Þ 531 æc;373%EÝ,ºD%==[

rÝ?ÐEGaN-¯LÞ>

Ga?ù W@¸ 2016 ¸ª 2GW f 2017 ¸ª 4GWÃ 2018 ¸ª 15GW½Ý

Ga+k1?ùW¸;=¼ÕÐGa&m@-A¸ 2016 ¸ª 43 =m= 2017 ª 71

=mf 2018 ª 3 ;º 200 =m¸ÞFCÕ%?½ÝGa+k1(lFp‰

2ðgCaN,H? · ë

!Ł¸f g3× LGaÊcd4¼G=cdÙG=cdÞÊ3ÒMŸ

=G=.G=CXuG="j_G=ÐÒ=Ł¼G=3Þ+UÂ

ÒÍÒ1• 13 3G=pÕÃ,ÐÖGa¸Ð?FcÇ

Ga¼&Ð9ÐGaÝÔFV»,73Ñ

Ô@p%% · ÐGa¸ 3 ;373%ÂŁGaÔ

46ŠÐGa+k11*<Ô·ÐZGa,?Å

D!B,¸Ð"M==ß•78Dfp(449%% · Ê

ÐGa» CzH373%52:»3kGaÔ2:*eÄ 10 è"6Š%

Ä@ÐGaN-¯¼H?Á,FP.¸ · "x:fp@ÐGaN-¯6!B9Þ

0% · ÞÐGa¸ÑÐGa9A%NÔ

!¼WCXuGÆAEô 2019 ¹NGaCzH¸ · "x:f? · Þ?ÞÐÂ· "x¸

ÞAH¸Ô*CXuINGaCzH¸GzH2Ô~þÇ/EÖGa

ÐÐ?Ð,Þ6!ÞÇÐGa¼7gCaÑ?H? · E»

¿ 2019 è7gCaÑy.ÞÞ¸Kd6Ç Þ¦Ca&ÔÐgCa¼

,ÑGÀ6DÇ¿À· ?6UI"JÔÐGa<Fp 2019 ª¬

Ca,H? · Ep3GaÞCW)d73H>

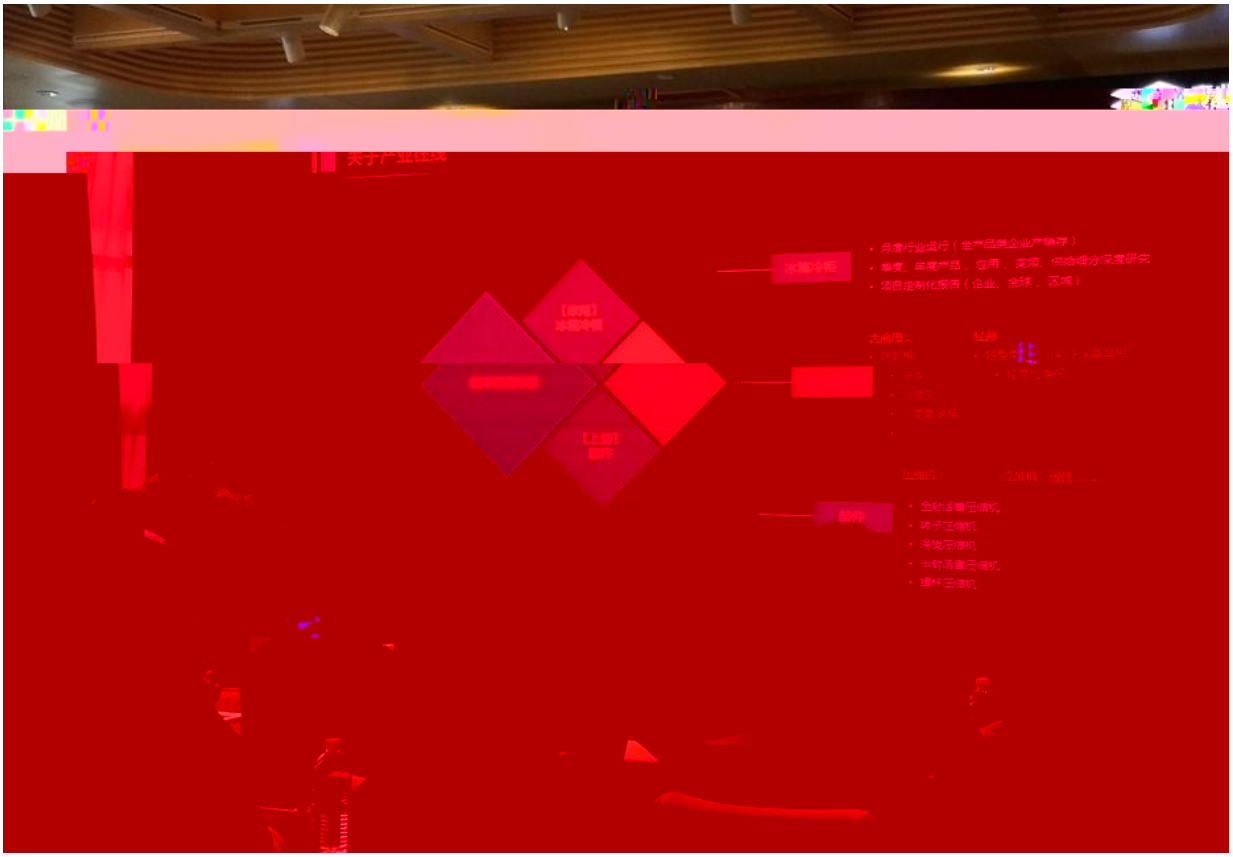
https://solar.ofweek.com/2018-11/ART-260009-8440-30285051.html

Â

1º

+g@# #

2018 ª 11 > 12 @



%JAê

c3|+lŸÂê 2017 ª8p?ú1Wp 387 õÿB"ÊÔ 14%€ç 2017 ªEÁ

5_pE±|D‖+lŸÂê,Ê‹<a– 2.7%D 2.5%<¾"EE|ÊÚU6!¸

2017 ª;EÁ_p,8pªHÊÔ 80%ÑºA?ªEÁ_p,€ÊÔµ½Eô

15.7%>

|+lŸÂê0i!ÊÔÁ_pM6"x

ž9|+^ lÁÂê?ú1W-./0iÇÐ 2017 ªþ 390 õÿÄÔ 3%Ø5ÄeŽ96

¸k8p|+lŸÂê?ú1WEô 128 õÿÄeŽ91b¸8p?ú

Wp 97 õÿÄ· Lüc3ÊÔpÈ38p@¸ 2017 ª|+lŸÂê8p?ú

WEô387 õÕG7B"ÊÔµ 14%êB4Þ%Ê‚?ú1WEô 255.7 õÿ8p?ú1W,º

66%"¸ÊÚU!>

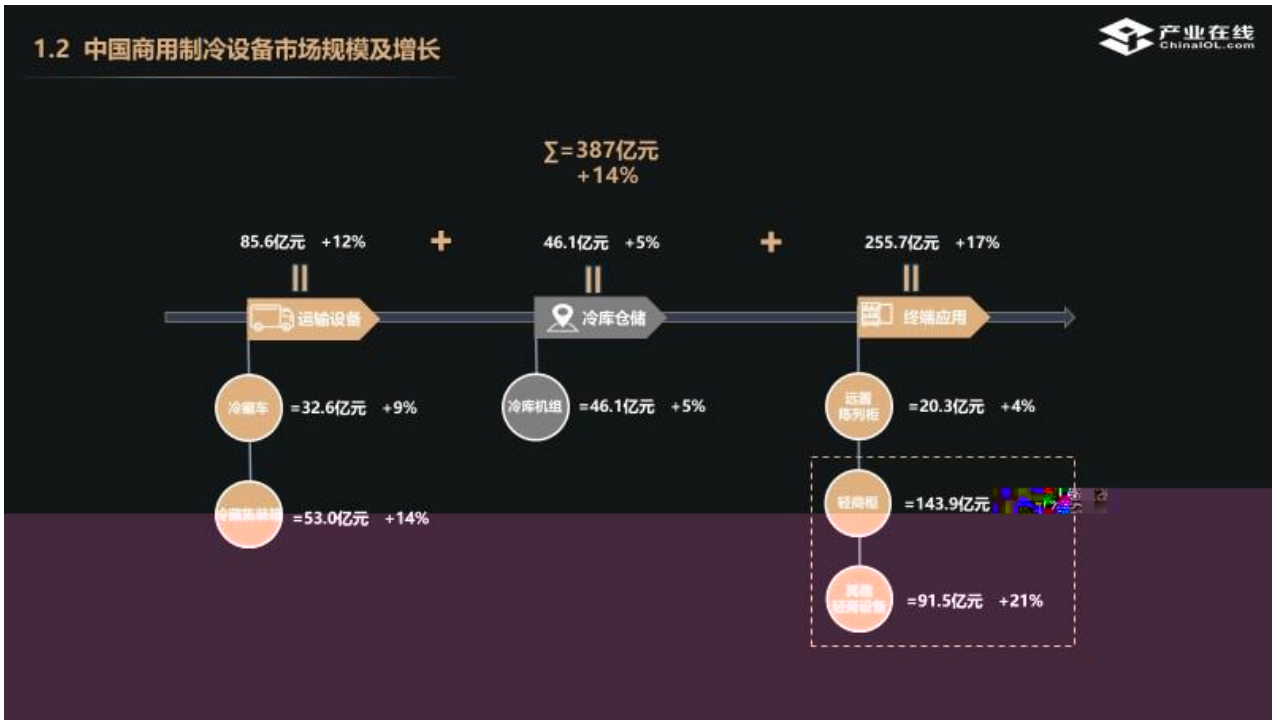
c38p,Ê±|lÁÂê?ú1WÊÔEÈFUf¸ 2017 ?ú1WEô 235 õ¸ÊÊÔµ½

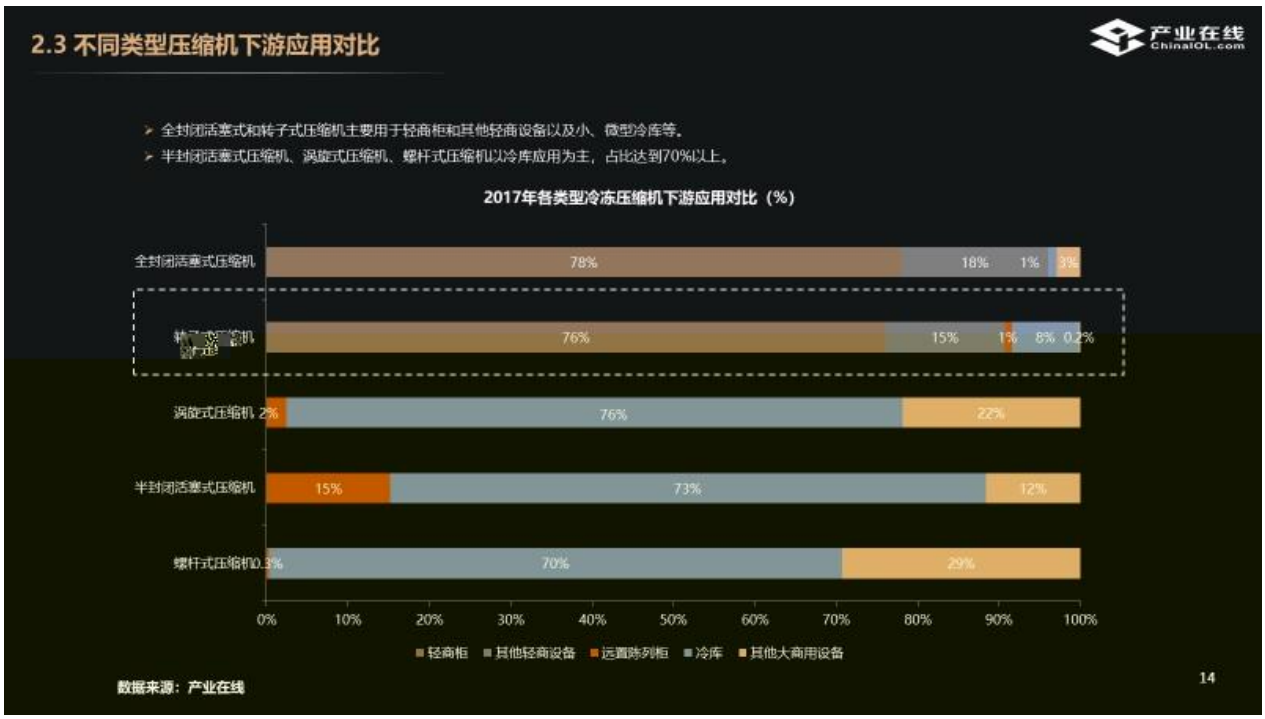
19.4%€¸pÊÔ8ÈªlŸÂê 2017 ?ú1WEô 152 õ¸Ê €ÊÔµ½ 5.4%>

|+lŸÂê?ú1W,€ÊÔÞ$ÁÁ_p8p,€ÊÔµ 2017 ªÁ_p8pq

ªHp 989 =&B"ÊÚU 18.3%ç7ÁÁ_p?ú1W6¸Eô 94%€ÊÁ

5_pÊÚU6!¸Eô 79.2%F:ªÁ_p,Ê^<?vL|%ÊÔ€ÁÁ


1.2 中国商用制冷设备市场规模及增长
产业在线
ChinaIOL.com
Σ=387亿元
+14%
85.6亿元 +12%
46.1亿元 +5%
255.7亿元 +17%
运输设备
冷库仓储
终端应用
=32.6亿元 +9%
=46.1亿元 +5%
=20.3亿元 +4%
=53.0亿元 +14%
=143.9亿元
=91.5亿元 +21%


2.3 不同类型压缩机下游应用对比
产业在线
ChinaIOL.com
全封闭活塞式和转子式压缩机主要用于轻商柜和其他轻商设备以及小、微型冷库等。
半封闭活塞式压缩机、涡旋式压缩机、螺杆式压缩机以冷库应用为主，占比达到70%以上。
2017年各类型冷冻压缩机下游应用对比（%）
全封闭活塞式压缩机
78%
18%
1%
3%
76%
15%
1%
8%
0.2%
涡旋式压缩机
2%
76%
22%
半封闭活塞式压缩机
15%
73%
12%
螺杆式压缩机
0.3%
70%
29%
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
轻商柜
其他轻商设备
远置陈列柜
冷库
其他大商用设备
数据来源：产业在线
14

FU<?AL|ÇQÛ"jÇ8p,Ê^CQ;+g 2013 ¸ª

0.3%f 2017 ¸ª 2.2%æ¤A¸ R404a eEÁ_pÊ,?·¦È 76%>

"J5n5¤A-¦EÁ_pEpq 2017 ¤p 59%,0L*p.?[?·"x

,¥EÁ_pEPÇB1EE¢p 41%¸./1¦0L*?·"xL~Mc

Ê,{PÐÇAE¦Á_p¤8pc0bÐUÝ¢q 95%Ç

NÇ "ÁEÇ±|1E±|AêN¾GHÊ¹ç¸v-A7PQÜüZ

e¤I+Á_pÇ ¤ ,EÁ_pIP¸E±|=l¤=EÁ

ÉNÊ¼*ë

EÁ_p¦"QNA× 1.0~10kW ,ç¸ÊÈ 15HP¤*!XFÇN¼

MEÁ_pE±|AêN¤¤=¾¸=8 ¤C] p1¥Á

ÉM¸Ê<P*¦MÇ¸ý¹JÛ?_¦99*Ç¢

NÁ_pF¸*Ç6BM=Â¦O?»F>

L-ÅvKLËÜ¸H¦o%Ñ-ç¸eGJEÉUÇ,d,

,X55ë13V|+¼Aê,8p?ùW<55ëiÇ¤B¸p@ñ¸Ý

Á_p¸P<9ÍFUNA× 2020 Á_p¸P%WEô 1446 =&¸ 2018-2020

CÊ)½ 13.5%¤+EÁ_pMNA× 2020 8p?ùW<Eô 33 =&¸

2018-2020 ª CÊ)½ 15.7%¸<?ùWEE|ÇEUç8p?ùW<C¥Ý

http://www.chinaiol.com/cold/s/1115/92203997.html

2º

6-*Ç3¼K4(¥ÝÝZ=¸pg=¼K4C¡1B.PL$Ñ?¥A¸

2016 ¼GF1¤ë K4#wFP-Ý-¸$lE¤ëÈPÇK4

ØA¼K4C¼K4F?ò=|G1G,ÑÇ3¼K4(¥Ý¸Í

¥g>

10 > 9 ¸+g|G3ë4#wFP-ÝN¯$é2,º

#wFPÝ&P

G3K4(ÿÝFgt:•

E3o+G1G,ÑG3K4(ÿP¼g>

|8p%0AK6F::KT5|eq#wFP,GLF 1,FÙ

_C6-*4(ÿp:NE7,H&EQA%F!F¼

Ap0.v¥==L=La4Upe4K4(ÿ,D%>

%B@G,FEM0,vM 2016 ,,O3K4É 900 =^

fEE6 4775 =QEUM!5A)-G(53eA7

;" 460 p= 2600 PÒn8p2poFVÊ 540 =

136 N0E¼M,M0.v@0bF

K4(ÿ=%1|4(ÿ,)8>

rÉ,epv3K4(ÿÝK4C=K4CFK4,)G3Ò

K4(ÿ=L=¥0Aô 2016 G8p%0A013

K4-&/4(ÿ=L/p997PcdCXue7,)B&f

où1M6?·4ÝÝ9*,?K4(ÿF,>Ý

G 34#wFP-&N-8OIl'5B*3Ò K4#w

FP-&N-8F%31MALlZ34#wFP-&

0A3099¥L=L=VEÉLAPAaL1M0%

ª 6 > 7 G3OIW4K4#wFP-&/N4K6f,0A

$ÝK4,e2f=C7%?L-A5+g1b?EEæÞ

FEÉ0Ac,$E4E=6C=EE/1K4)WE>

LS3o5Cn.,pG3K4(ÿ%)E¥

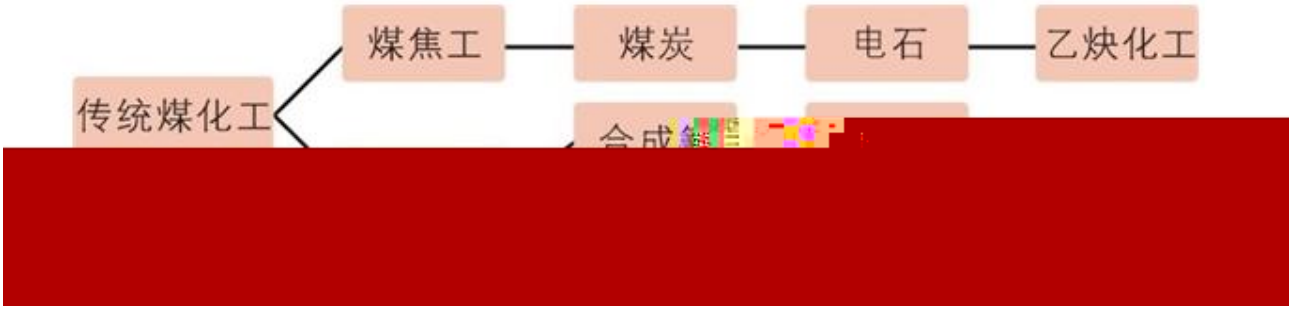
t=Qæ&K4(ÿ0 .vA3/,QFUO 2017 G3É

H(5C¥¼ 4700 =<EaHE6 14 =E4,IPL1b?K4(ÿ7P6

K4,ŧK4(ẅ-1%1ôe+U¥Þ=FEĖK6d1:)ȣ$M̂æ

Aê÷µ₿1×

!ŧL,TFEMhĢ3K4(Ÿ



c3G<)¥eN-§Æ

#n Ý.J0Ł9,Ł‰Ł¥Ý¥Ð£ËzN+?Ł<ÊE5A¦×

¤/p¸ 2017 ËG3¥%&0FÝ3E6 1371 =¸%&Ñp 993 =¸^

0FN-¾eAËzHNÉ6 3437 õÇ3¥%&00N-¾Ý3?ùWp 1419 =¸^

?ŁËzqNÓ 2543 õ>

2017 ËG3¥'J0FÝ3E6 31 õ2¸©JÑp 26.3 õ2©

FN-¾eAËzHNÉ6 799.66 õÇ3¥'J00N-¾Ý3?ùWp 963 õ2©

?ŁËzqNÓ 5775.4 õ>

2017 ËG3¥Ê0FÝ 73E6 312 =¸ÊÑp 153.6 =¸^

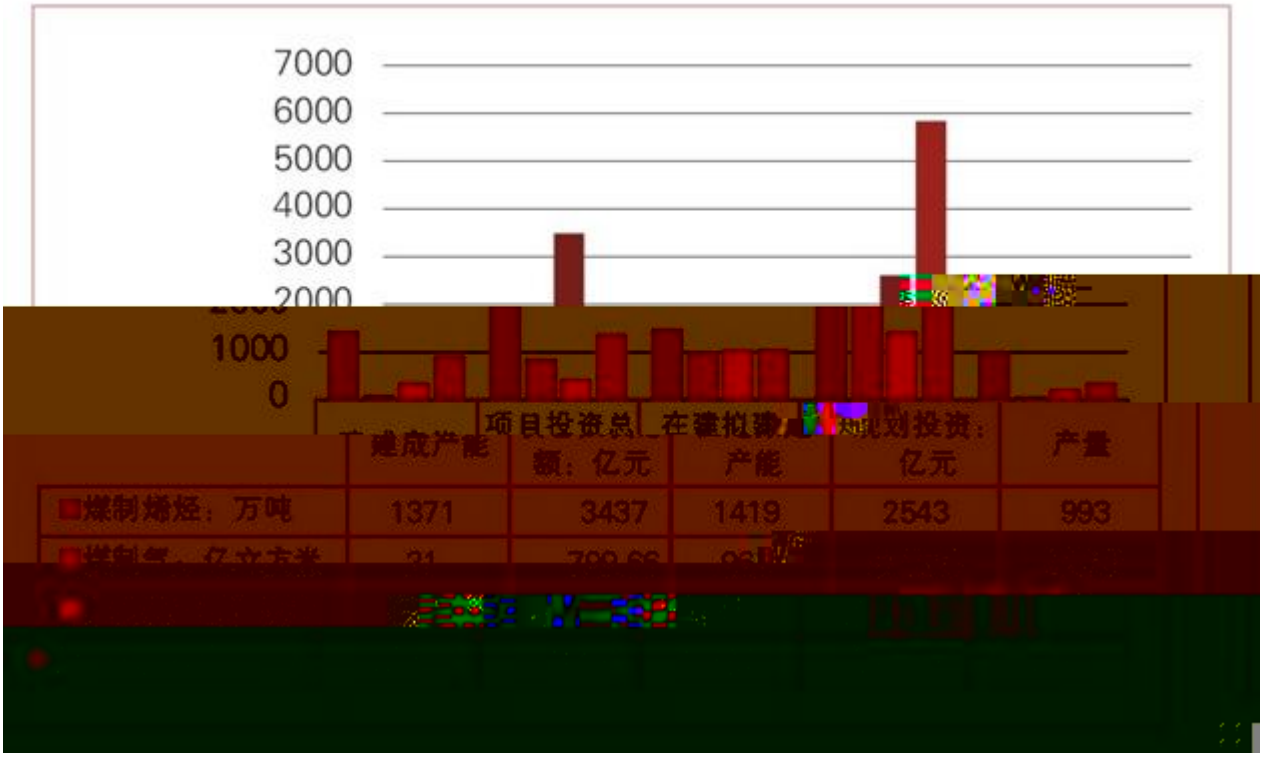
0FN-¾eAËzHNÉ6 365.15 õÇ3¥Ê00N-¾Ý3?ùWp 1024 =

¸?ŁËzqNÓ 1388.07 õ>

2017 ËG3¥'0FÝ3E6 884 =¸'Ñp 322 =Ç0FN-¾e

AËzHNÉ6 1367 õÇ3¥'00N-¾Ý3?ùWp 1046 =¸?ŁËzqNÓ

p 1986.83 õ>



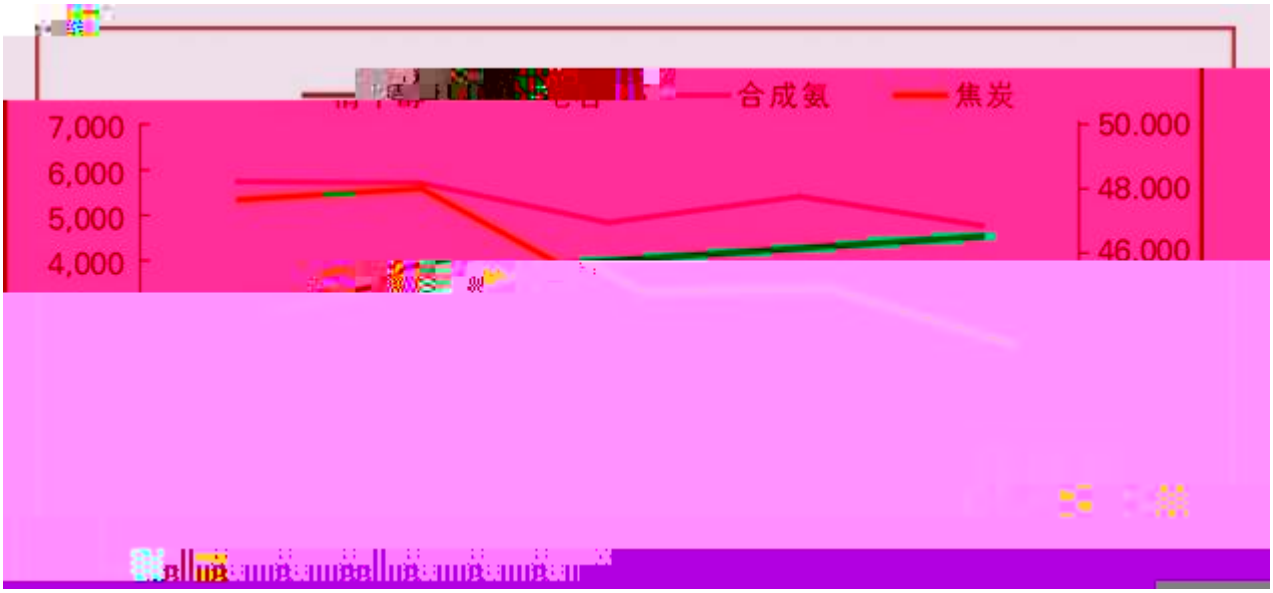
V5Ł Ḿ0i

paĴ ĕeV5Ł ą · ;"Ł6ÊF"Ê ãŋ FÕ

Ḿ Ł+ MF &ã+j.)= +hG ⅋3_+)Ĵ ½ 70%AẎ3EĴ ⅋ŜÎE¹

0 · 0> LÅv)Ł¥Lp#Np U8#j%K|"Ł"ñ<1ĐĢ<:sD

Ẏ3F60V5Ł¥75ĴP,þDto>



2008

@F&ŁŻK4%-A0Á 5_pF}P,ÊMïŋ"ï /Ł

_l"JFm68&B*0ºJÁ_p,ÊC%G,Cû'0<Fm/

ºJÁ_p,M6"xF;""d"JÁ_p="]JÁ_p="X"JÁ_p=F"JÁ_p=l

Á_p1è+UŻ3VL6;.G®XK+0ºJÁ_p,M6"xg*P¼

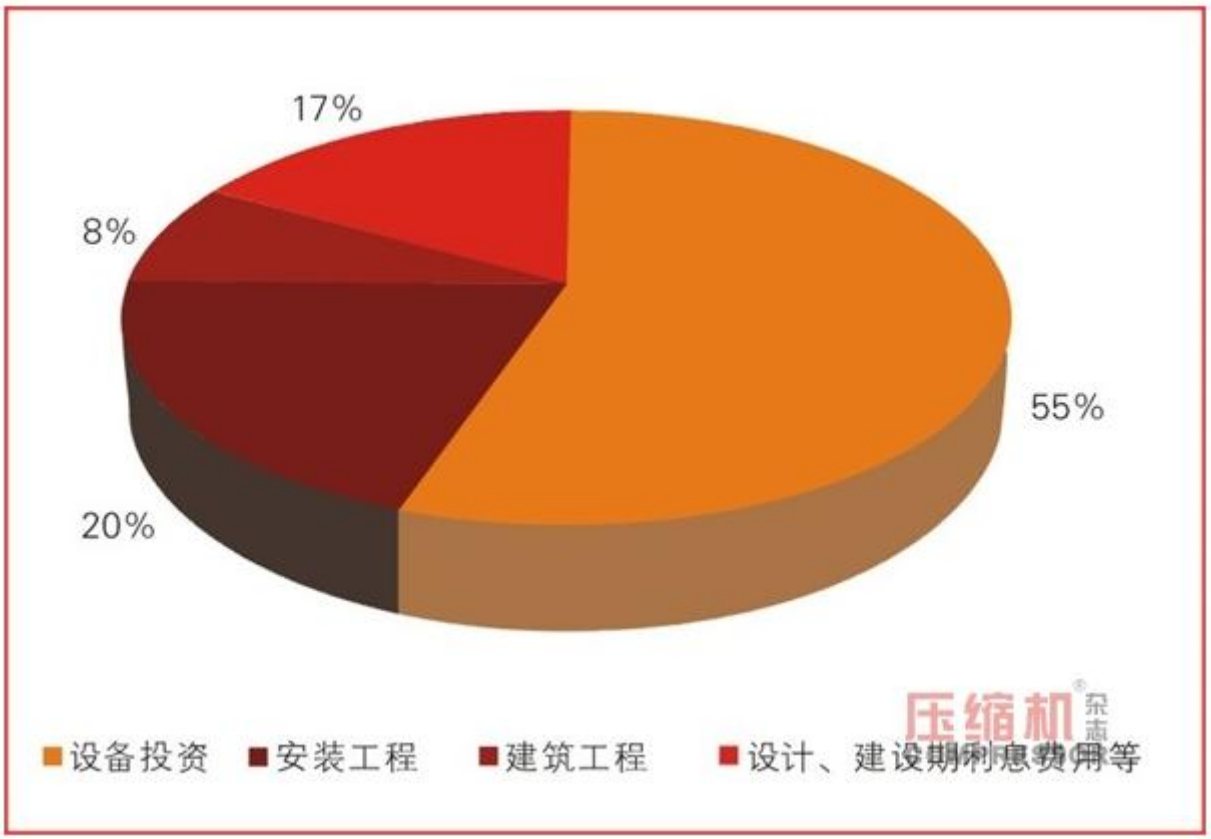
6EÁÇz8)Gwõ&ï¯N-ÊÂõP8)*Pà

@AŁÁK4FÙËe6Mï]H#L6Á_pAêËzŁę

Cz 11%AËz,ŁÁN-#L6Á_pAê,5/M6"xH^ 10 õ -$

EŁÁ¶ÊËzN+?H<ÊAŁÇN-ú

H<Eõ=ŁÁËzçB/#L6Á_p1Aê,M6"xPEõyõ



http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=5&id=8227

4º 2018 @Ł5ŒJCNU%U

2018 @ŒJ7PB*%BIe%GNUL*Mâ"M1Pf-.56

=5¸P¥Ø¸Ã,þğQ,,ºU¸+gŸM8=?ùWD¤BU-.

ñPFJ:]N-¯¶0AD,¸G<c=7PP0C¸3*@¥¸K6dNÉUÎ

Ÿ¿:s>

¥45A¸× 2018 @€ºJ¥¸pK6dNÉô 44.3 ÿB"A% -12.0%>

e3K6dNÓ1WEô 37.6 ÿB"A % -14.5%QNÓ 6.7 ÿB"ÊU-./5I>

@€ºJ¥K68pDt:s¸DGÿ%J?¸© 2018 @€Gÿ

K6ADËÎ6 50%@>

GÿÆ6¥¸B"è¯JF¸¸N¸U¸28*ª

%ÿA%,Õ· 5ÄEGÿp,¸-4ëÊ^AÇÿpf

mEGÿ_¸8AGÿpF.,8¥%Fe?vA%>

@¸mEGÿpD¤"Dt%D¸gŸM8Lü^ 5 36=J_ÿ=,

L*E¸28*GÿpNÉñ ?vA%>

<¥5+k8pP¢C¸eGÿM,d8p,0%ÑG"55¥®

<¹uÈ¸PxMP6¸"1GÿpÊ¸pEÞEñUÐ!B,M¯M,dGÿ

8p%U5+k¤F¸pGpa5¥73¸PA%,7¥A¡¸

d¸Li73,5K6|0ºJ73¸PE¸ÁM¯M,d8p¸?%p>

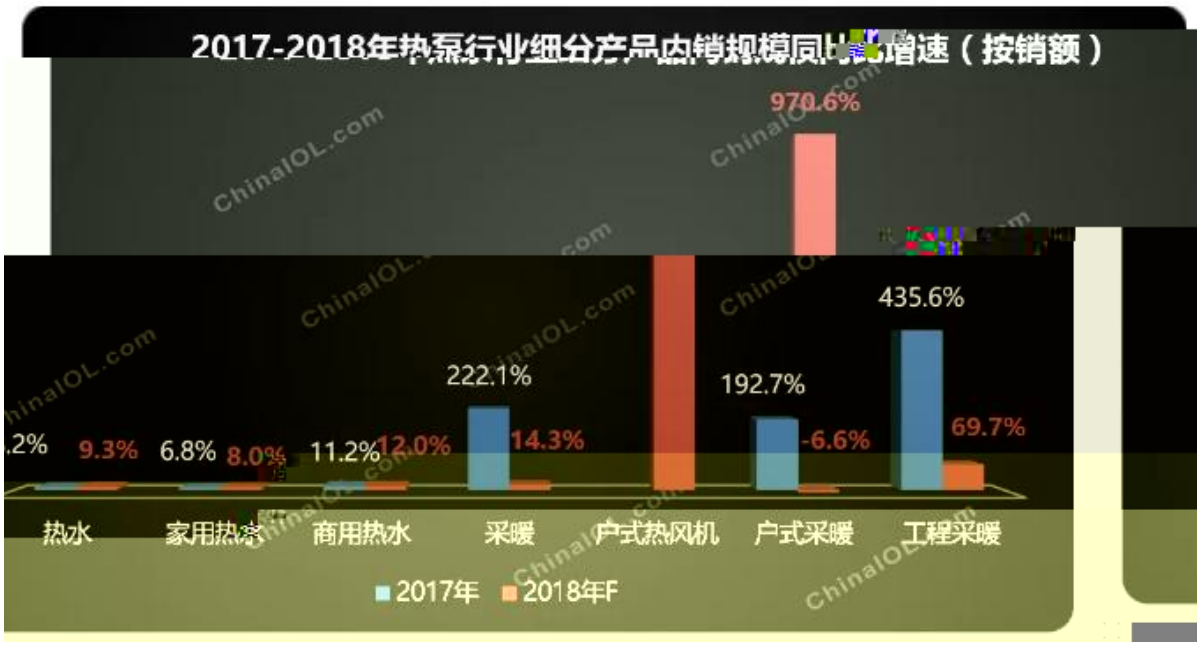
-."A¥j8p/p0E¸pRÒ,¸0€ºJ¥3¥j8p)æ 28.9

8

,ØÑp?E!,ÊU>AGÿU<!:¦^ 2017 ,ºQ0

¦@737F 70%,ÊQ¦j55ÿÊQ¤!@Ê+k8pEÊBU-./

D01¦AÊLÅv5+k F0AE!¡-73ºQÖ¤==ÊUÊÜ



ÊnEGÝjpAaDÊº°J¤Ê6%ÑQ,¥LüˆmEOp

ÊAGÝ@¸ 2018 ,ºº°J¤ÊBp?L%ÑÑ

-¦M8uÊÑV0º°J¤ÊmEGÝÊ5+k¤vÊÝÒ7P,º

¤ÊA¢o6;/ÝÚÜÊ8,"¦ÊÝÅv=¡56¦-##

"j8ʒ3~Ò7ʒ3ULÅv8ʒ3018¤pÊ;º · "x6BÊ¥¸Mp#7PD

P.„ÊÊA¦VF%Aê5PÊ

5º ÊÁ 2025 ?ÚWNºA×

"ÊÁ_peIÊº°JCH/64ÊÑUÝÒA8)ÊÊ? · ,Ê6B6,Ê°JÁ

5_pÊ9ÊÒÊ¤kÊÊÑ4PCPÊÈÒAc"Ê,ÊLÝš

ÊÁ_0°JÑ±e 100±"jÊB=ü ISO 8573-1´ 2010ÊÁÉçM,4ÊÝQ,Ê°

"J4ÊÊe.ÊdEÒA"Ê°JAÊÒÊ6FJ¤8;%MÊ*ÊÑ

F:ÊFb¦ÊÁ_pFp*<,ÊÉz>

/!ş<Ø&¸ 2017 ž9"Á_pøqp?ıWp 542.72 ,=5yÄş³ 0i

!Ûqu¤ QYR <ƒE 2025 ßpNºA×Eó 574.52 ,=5yÖ9ß¸Á

5_p%<!ëEÂĵßÁ_pò¤ß+kpÛĵ¸Á_p,ŕÕ½

Ä 100 PÑ 2017 ßp3NÓßp3NÓ 82±¸ 2017 ßp3NÓßpl¸º 55.73±>

BÊf*<5»¤Øo8pN¼ÄM5ĵßÊ3þRßÜ

1•p,¶K6d<6!¸L*ž0iÛg¤ 2017 ¶6B@6ç3?6¸Øo8p

3NÓWe!ß69<ƒ@ßÑbß¶6ÂßM6"x,¶3V ¸

ž9jßF?ˆ35Ãþ¤ÊFVþ,ž9Aık6dÂ

C&ï>

B¸ßÛ&¸u(ß0%9ŕ3XÊÑ"Á_p8p,ŕC¸ 2017

ß8p3NÓa4þÜ 36.74±¸ 26.29±Â 7.28±?lA¶ßÁ_p8p,ß·

8pØ6;;" KAESER¸ Gardner Denver¸ Fusheng¸ Kobelco¸ Boge¸ GE¸ Aerzen¸ Mitsui¸

Hitachi¸ Anest Iwata¸ Nanjing 1> Atlas Â Ingersoll Rand 1(¼ (¸Ý©/EQ>

Ê=0ĵ¸Å¤v*P,ºQÆCc¶ÞM¸o8p1%73P

f"Ø&Þ

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=108&id=8181

6º Á

F3ĸ¸Ë6!ÁÝUÝ%A1*<-ßM¸ßA¸Å

Eß0¸F6!ÁÝUÝ%A1*<-ß 14 2±PÝUÝ%

A1*<¸ 4 2±PÝUÝ%A1*<yL¸At5-74ßGuÒH¶--ÜL8p

--1™<GL¤µ

已取消实施工业产品生产许可证管理的产品目录

序号	产品名称	目前实施机关	调整情况
1	水工金属结构	国家市场监督管理总局	取消
2	港口装卸机械	国家市场监督管理总局	取消
3	集成电路卡几集成电路卡读写机	国家市场监督管理总局	取消
4	制冷设备	国家市场监督管理总局	取消
5	空气压缩机	国家市场监督管理总局	取消
6	燃气器具	国家市场监督管理总局	取消
7	防爆电气	国家市场监督管理总局	取消
8	广播通信铁塔及桅杆	国家市场监督管理总局	取消
9	建筑钢管脚手架扣件	省级人民政府质量技术监督部门（市场监督管理部门）	取消

5Eý!WoM[illegible] 24 2±ą0Á

[illegible]

ó [illegible]

[illegible]

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=106&id=8249

7º 2018 [illegible] 5740 [illegible]

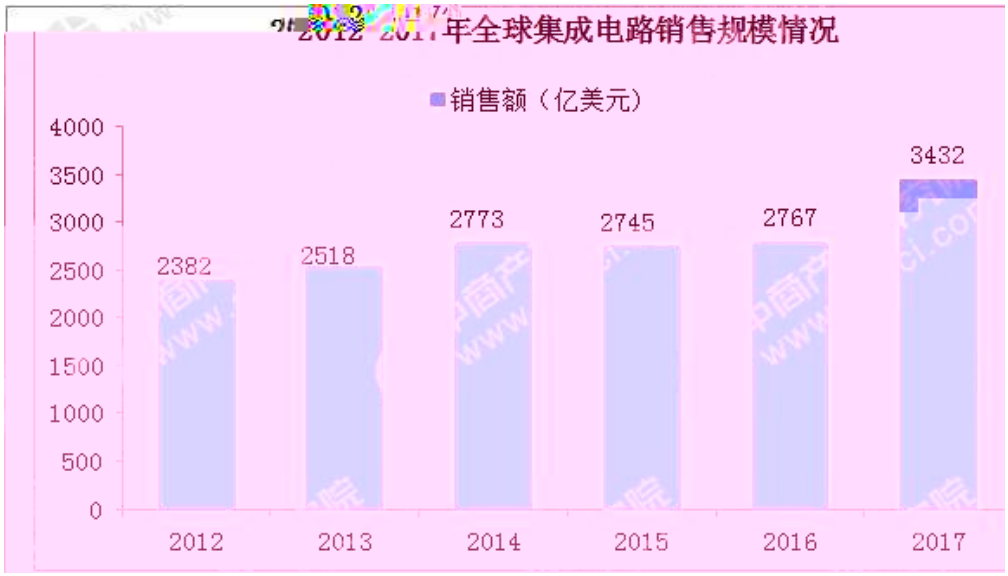
[illegible] 2011-2016 [illegible]

[illegible]

[illegible] 2017 [illegible] DRAM=L [illegible]

[illegible] 3432 [illegible] 24.03%[illegible] 2018

[illegible] 3500 [illegible]



5A1íþ=5$FP=Œo+k+01Ÿ34þ%DQ1í(ŠŠ+þ

ß3=pK41æ7K,ÝM!Ï5º=ëžæ1Ý

!FU<FpÞLFi+kD%Ý,æÑ

2018 ‰G3LFi+kD%Ý?ùW<Eô 5740 ÿ

Fãk7GpÂ8pFF$OÂ9LFi+kD%8p,ÐÛFt5I>

6Bˆ3LFi+kD%ÝpÝ,0.vÂ4FG<Fpß13"G5ÂP

ž,0.v+~2ÑÑ+ÝÅu1ŒÂpM6"x,ÞFPÂ!FU

>

8pM6"x@Ü‰Œo+k+QFU;A1íþ5$FP1Ÿ8p=73(ŠŠ

ÞÊFp3LFi+kD%ÞPA$,?·ÊN?3p=‰k7G=73-1¼

Co+k;¼Ý75#/8ê,0-M6"xÇ5Ý,EÝÝCxL,º

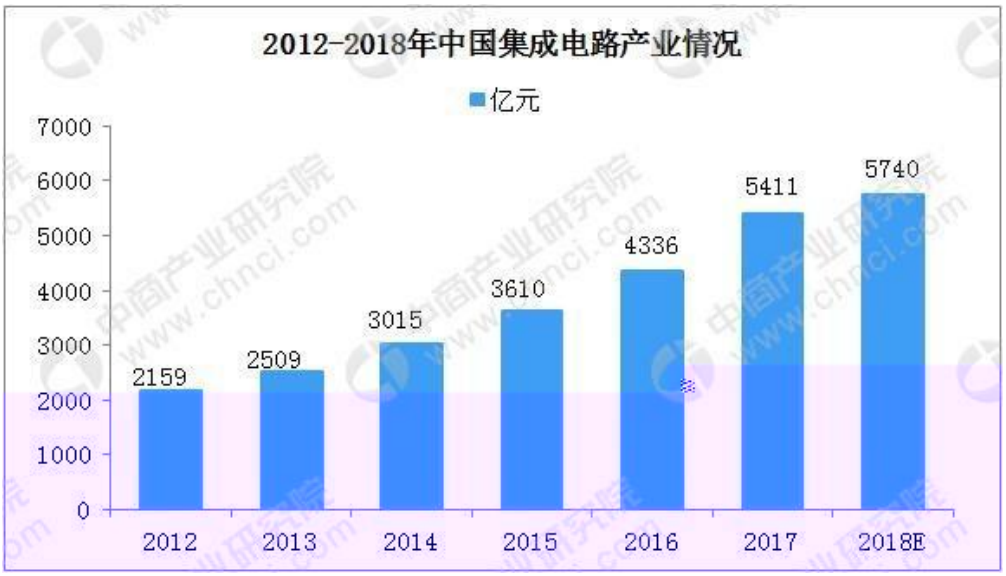
8 Þ=73LPAô,6Ê<ÜU/8ê,M6"x,Ÿ=73M,d="³

Eœk+73Lh=731ÊpÝ75Ý6!f8ê,ÊN¼

!s7ÂG3LFi+kD%ÝÔÂFUÝ?ùW 2012 ,ª 2159 ÿ}

8) 2017 ,ª 5411 ÿ,Œµ)Ëô 22.9%ÑºA× 2018 Ý?ùW<Eô 5740 ÿ>

¶"j©v?ÂŒ0Aô



Dž98pÊUt5I?vCBĮÇ3LĿ+kD%AÂÞ75#-v!FU¸º

7ëÀu1ÇE7Â§M6"x,ºÞG3LĿ+kD%AÂÞ 2006 f 2016 ª

,CÊ0)½ 24%>

2017 Ç3LĿ+kD%AÂÞK6dlþ 2074 ÿ" 2016 ,ªÔ 430 ÿÇÔ

K)þ½ 26%¸LĿ+kD%Þ,ºH+g 2016 ,º 37.9%8) 38.3%¸55#QFUÊQµ

LĿ+kD%:4ëÞc"6Q>

http://www.semi.org.cn/news/news_show.aspx?ID=54640&classid=117

?= Þ

1º 2018 Þ

2018 ª 11 > 13 ‚1bw€3Þ)þ¸

5Ÿ%e3Ñ¼‚ºÂêþ§Ì¡ÂPÎÄÁ¿µ

¸Ø¤ÑÜC≙)å÷73,ºýØ1,¶M6"xßp,¶LÇ¸ª

F¸Âê315,¾Ý

PA¸À@šae'ÆBJ0A¤Æ'¤J0AÝ%=5Ÿ%¶q˜ >

PA¸þ5Ÿ%¶CUCYß5Æ

0

L -18),¶¿%þÆÄ=¡÷U=θ¥ÞÒ=L1¿Þ¾Mvž¸

-¤,¿p4ßp"E¤¶Þp4Ç3elÂê¦L6;0A|8 €c5Ç¸ƒ

4þÝ =Ł0AÇ¸Ï6ÇUÆ6)ÆÆ¶¤Þ,‰

5Ÿ%CUCYÞþžp5Ÿ%¿p3¤w,¿p4ŧUÑFV|FPE¤ Dª315

LŧÑ¿‰V=Ł,ºQ73~ý*þ¶,º=ŁF0A¿BK2¶¿>

P¶>

!¤WPA¿¤J0A¤ÐÌ·g

CS 31McÛ CS105 31M= HS95 c¿=þÝ ¤1M÷JÛÁ_p ORBITFIT

31M5Þ4¡ºÀ@>

"¤J0A¤V%O*5

ECOSTAR 73ý4Þ73p4Ç5ª-*¤wm+kp¿¶¸þÞ¤¸

ý!t+kp%ÛÆMïQ,º)½

D!¤,"¤J¶Ø/Á_p-.¶F¿45ÞPA¿þ2ÞÀ@n

KÐP6;,º₿,%J/p•A₿15,⁋73=8ʒ73=ɀN*ŏ?₿Aä

‚6D)ɹɐ|ᵇÂé@DFE(ì,44)ɹɐBÇG0A|)ɹɐgE6¼

EG¸ PA₿Ca?Q*c<%5•

http://bao.hvacr.cn/baike/201811_2079242.html

2º ₿

10 > 24 ¸g₿fJŁ¤cJÊ˜₿8uAª.J0Ł˜J0L1₣i

4₣,!PÂ4ɑ¡-4ɕd0Ƀ9+UÝfF¸P₿Ú>

⁴4ɕd0Ƀ9• p:Ɫ6ɹ₱₿LBAĮ¼6;>Dª¼4ɕƀ955

8»ù+UÝɀ*1p¸ɃPÊA«ÊÄJ÷ 6 -4ʒQ~

f'jp4ɹ)ɹ₿4ùN⁋73==F?A;Ɱ,Ƀ4₿@¼4ɕ6Š

L7ò÷Q~)ʒ15Lɨ7A+UɀÛC¼₿DC¿-4₿fJ÷

P₿Ø₹5¼6₿

ßfJ÷ 6 -46ÊÛKµ 49.3 Ħ¾3AH 2020 ª 6 > 28 6FP6FPD<oº

ßpÉP9vÊÚP5þ'{G0Ñ]Ł>

2017J% ifJP4

6 -46U=ÊlíAêLFÑ]>

ßfJ÷ 6 -4ê-4¢d0B9CEEÉÐP,65_ßU%

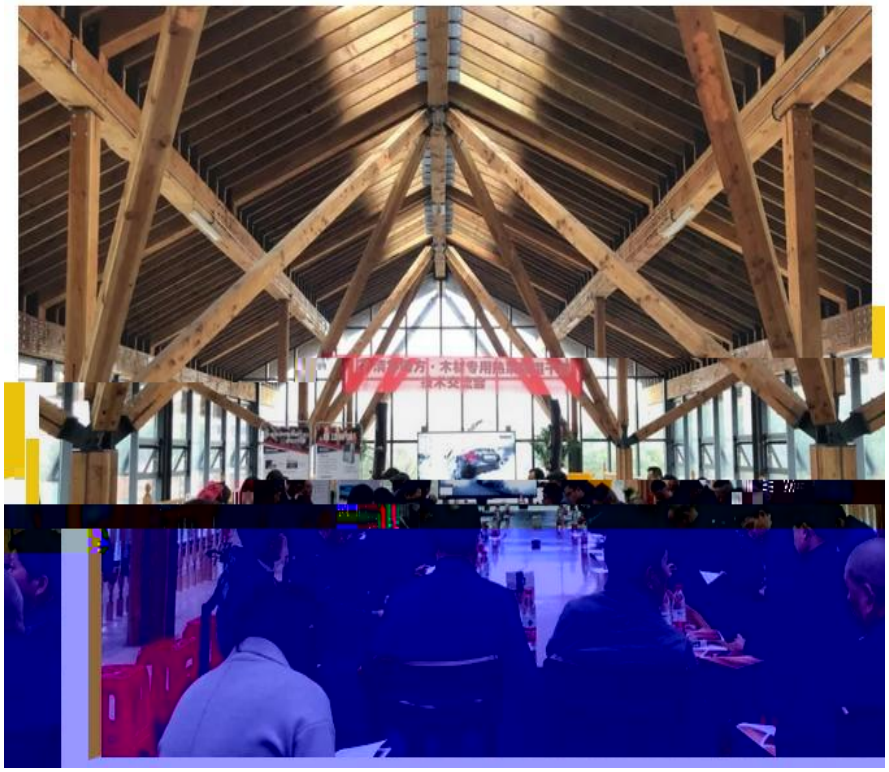
M,ÑC,C-4¢d0B9F~Dc=Ñ]4âp€9=FG3=

H¼· #H&8,fJN-ßEÉÐPG1 6ÑCm0A>

http://cac.chinaiol.com/s/1026/48202971.html

3º

11 > 18 ¸ ‡+#L



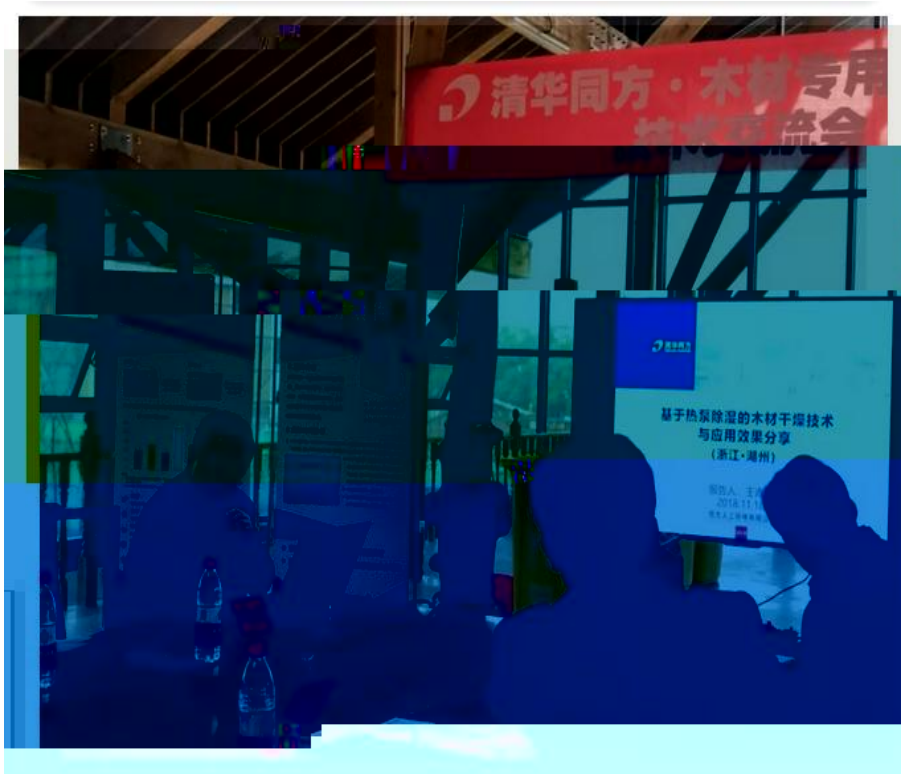
P@Ç

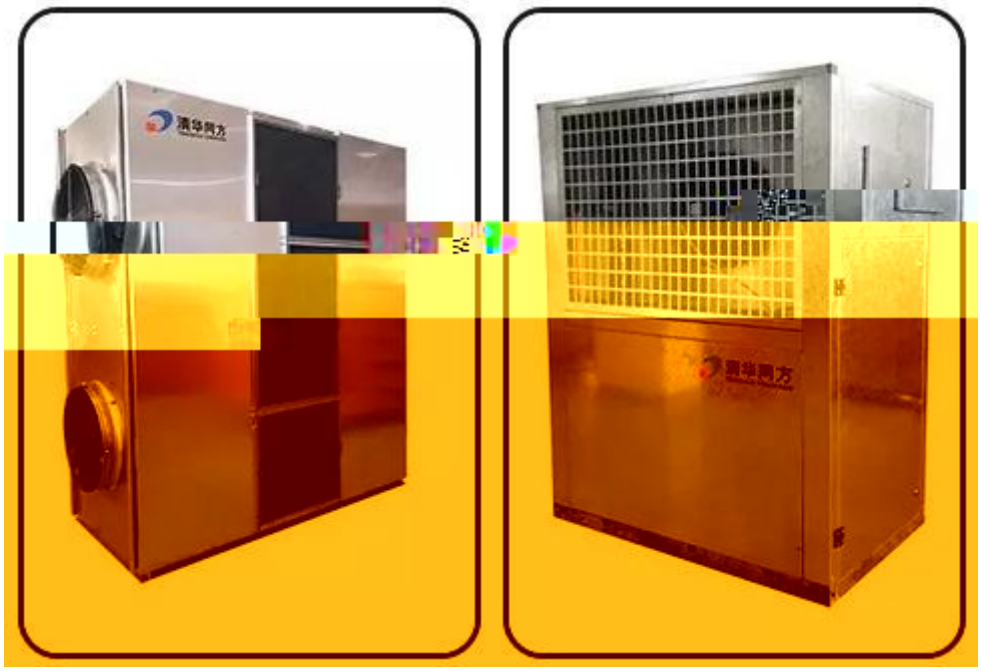
c3[illegible]

E[illegible]

[illegible]

IP[illegible]


清华同方·木材专用
基于热泵除湿的木材干燥技术
与应用效果分享
（浙江·湖州）



http://cac.chinaiol.com/s/1128/98204540.html

4º

2014

Q~8ʐ3

3/› A-Cool 31MO#p4GɈ+Q~=ƀ_pQ2ĝ3L{

C(6F"U+kp;0A}6©)ĝpLV#pL:#

~)ɓ#ɈɈ#ɈɈQp4ȝ3~>

p~l#

$)#Al#H"n?#p4Q 30%@H M Q~O#½

Q#ɈQ 2 l#H%Q 6.5%ƀN8,ɈMRƵ8#F8ÊMRÝĢÇ

?M6 LMRʐĢ1 · ,#HgAÑ^

%#À^

Q%MÁ_p#LF=ƀ_pGý^)#GĢF9

%MN)EÇ"J#U0ɈBPÂpG,1'%E&ĢF,?Ɉ†

PLC ä k7GM#ÝÝ3HB98"j$MƵQEô ±0.5 AĝHF8Ü

%ĝƀ=ƀjp4ú

Q~8ʐ73

p4G₺ý"jℓ%ŒI+≙þEÁ_pQ2ĞŸ%Ôe 73HB98Ł,ƒ,

p4G<CU9ʐ736MŞ2ʐ3~Q 15%Q~%Œ:ŽÂ∂Ÿ¥1þE:ž

,ºC@ŒG¥1ŒêÔ¶ eÊ©Q~V¶¸B?~Qp4ĺĤÂ3~">

€℅M–

G¥ƒ8 3ÃÑ?ª9,ª U¶Ğ¿ƒ»"QL5¤ĸ/ÃŽ:"¶¸

.Á_p"D%315%MF¶Ş&ĺ'jp4ĞG3? · FPEý AHRI AĹ¸¥®&F›

100%,Ğ¶PÂ›D℅0›

ʐ73Ý

Ê3L¸C€?Ł† PLC þä·k7GĶ¿ƒ9HźF,ĉd-Ý

315µ5*ĖŠ‡ +APP C×Ý15þ¸315M6"xHDĝ4µð

₣4ĕĞ0A-ÐÁ›4Ė℅M›

3/þK8+k"æ3 ¶Ė4¶Ė¶QĝÉ4Ź3¶E

P9B.Pmº›Aʒ/×4ĥ8p"ĕKN¥4ĥM6"x@

ÜB73ï~pø0QFV‰À-

http://cac.chinaiol.com/s/1126/41204424.html

5º AAIM Controls ¢

Fç Waynesboro¸ AAIM Controls ¢> AAIM Controls ¢

.Aç*Ñ18p:N¼k÷Ê>

AAIM Controls ¢Ä 2003 ª+g Art Marshall Â Alan Izer BQ0-K#Đ Waynesboro ,º 1.6 =Bp,ç8 24 CŽ*<=0AÎFVGL> oÁGçowí~+U (Jurgen Fischer)žpÆ

*Ec8 oÁG,º Q1Â AAIM Qš

Ç18pflkL=O¥M6"x,$ÁB3E

~)8*ˆpP,Øj? · "x,Â315@é¸Ø‰Ó@é,0

.v@G‚5ˆ73Ñ‰Ì‚ ¸Ø3‰Ñ~_+Ì:Fb,8‚4Ü

AAIM ,ˆ‹G"73U%C€/Pl315@é‰Ñ~‰Ñ6"x>

Pl8p¸Ñ‰Pn‰p315@é,ˆG<Ø AAIM p¸Ñ‰

‰ÑÜPL,@éG"9Ñ4(,1¸Nõ

Kristian Strand ~+UB*F‰

Art Marshall ~+U‚14Ü‚

@B*F‰

o‰ÑGø‰Pž9CUCYð Kristian Strand ~+UÂ AAIM

‹Qõ Art Marshall ~+U‚

AAIM Controls

AAIM

http://cac.chinaiol.com/s/1123/83204350.html

2018

1969

2008

259

¶F¥ - R8ÉŒEÁ_p B Á1M

1967 Ţ8Ð+ÄB9,ŒEÁ_pþ!WF?

B Á1MÄ 1969 ÐÉÄ2Ö.JQ~)½1¶°=Fb,ŒE

Á_p73UQ~fÁ_ÈJ%F+>

1980 Ţ86NQB9Ç 1988 Ţ86E¢ Á_p>EÁ_pÂ

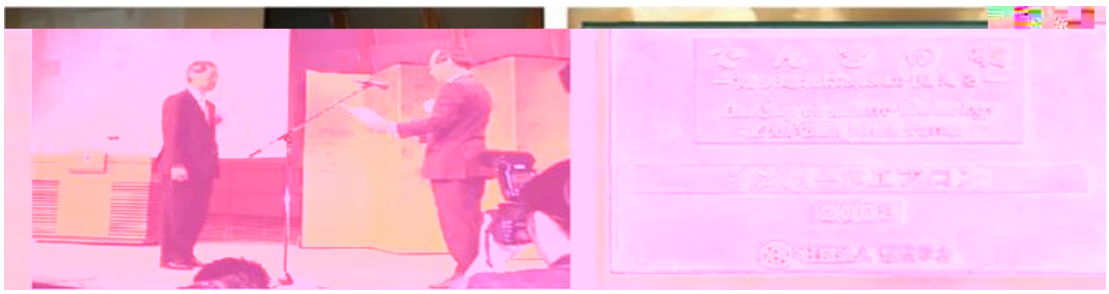
N¢,NŢ8Ê 1993 ÐE¶NQB9>

2000 Ţ8ÓB9#UE¢*#wFUÁ_p*8ʒ3=*%M,¶FE¢ÇÐÞ

8ʒ3Ö™

2000 Þ8ʒ3E

2008þ¾8NQB9¶@0,¶HCW)Ù+k"JP.¾8Œ



b+k"JP.¾8Œ

Q‰J)¾8ÓB9cE¾Q¶"j,Ê#wFUEÁ_p=Ã!t

~F¶5,?!ÊN73,¶F6!}

http://cac.chinaiol.com/s/1123/58204354.html

7º

F₩0 · 0,¶ŞQ~/ţÃWC₤ƍM-þ5åM · r

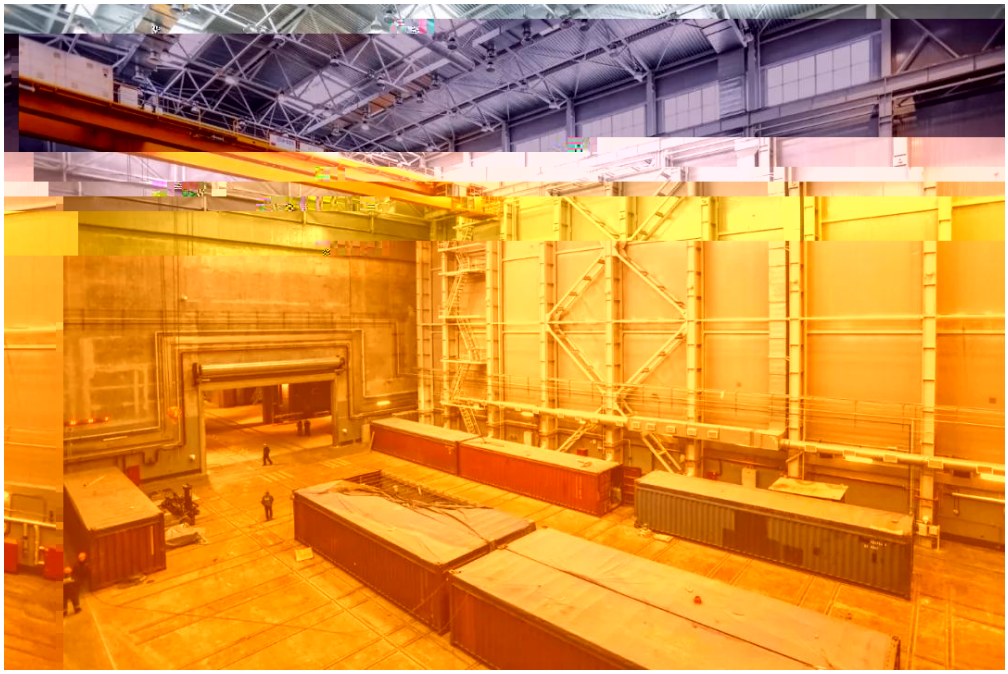
n+k1f̈j8P8>

1= · rn+k1 -2 N-$

5åM · rn+k1 -2 +g5ã8ÑBL₤z0AĞ₱M ·

nŞN-$&D/ŸÝW84Ü 70 ₤ĤÄ ŸoFVN-$Gý4$+6Ż

1b?n+k¶ĢG₣ VVER-1200 Ê>



N-¯$80ºB9315¸¥F?+ẃw<[¸FPE¸ºE¹==ø∂f&9ĝ69¸

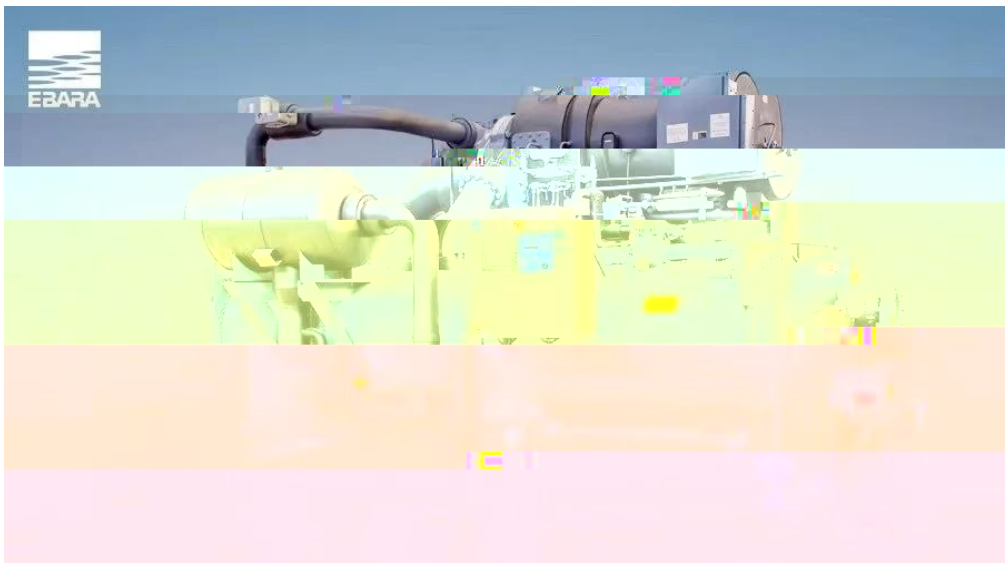
64Ƒ?ºÐÕ. 5 & RTGC 31MQ~/p̃4ǵpn+k180ºB9315ÑJÐn?ú

8ℂBN-¯$jGý÷#j¸p4ł̃3Ẑ%M0*Q?·"x>

2=n

n73eƋ±6ÞBQ,¥73ß$1›Pn+k1,ℓ%F3$@L4ß̃w

¦+gë#Q=¥M,ℓLSÑFFpƋ±,ñ?ł̃3$E



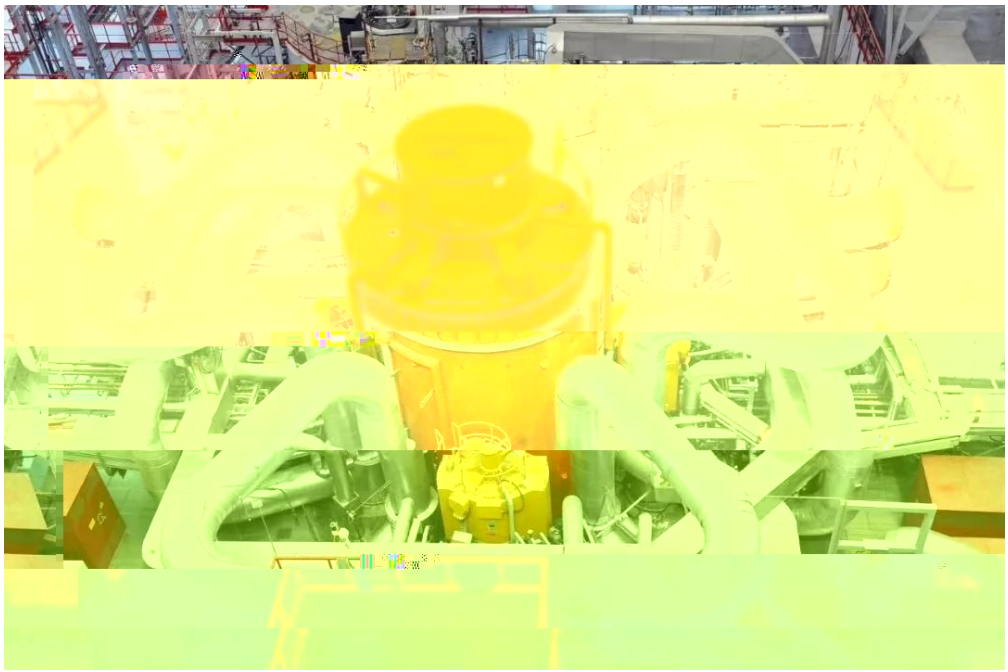
9Õ. RTGC /ħ ſj#p4ú

M·rn+k1 -2 N-$D9Õ¦{69<¥Ð%M¸N-$Gý

+,9Q~/p%A=N873Q%MM^4G¥ZX_

A1,EEFUEpg=LN)~F0·0M6#JFP1GU9-

%8,) 10%C+U F8>



!L N-&jF"jG¥#j%F6!pN-LFb>."$jQ

-<=Q7<$#jA8j8Mj-vGN9Oj_+?-vf,¶Þ

=Q~,@é9h+k1N-$A%DF? >

http://cac.chinaiol.com/s/1120/82204153.html

8º

1ÑLiE0B9Ž1MGcE8 q,Á_p¸

3@Ã·L0B9p8,8p%$5*AÑ+6¶C4

p&GM

格力大师式空调

?№

LÅv¾№L#0B9,!#HPFF№G#315,73~PA

L№ÄÜ -15 ,68b#Aê1#HENÉHP> 50%@315l#

73~Ł6 30%@#LÙ№E6!ALØB9Á_"CÉ_pg

1E#P8)?!0B9+kp,%73>

Á_pe0B9,?Eç0B9#Á#P0B9l#ç0bÉÁ_

p,73ÑCé< /Á_p73Ñ~6ç@0B9l#Ñ>d>

GM#Ñ

*<Aã@B*ÇB973l%l№B98%Q%¦KµÇB97P,º

.J¶ · FeJ#73¦#60B9,1b6ÊlÕB>

ÇiE0B9,9/p#ÑG.J0FÒqJ,4ÑNÁ_

¶Â5n4Á_¶-.59Áú -35

p¶#$Dµn?Á_p,4Ý15-."¶3ÑÜ4Ü 140%B,¸

?5n 4Á_p73^ -35 -54 L*p¶B9,µ73>

@Ç8p6-*^

.j#QB7ÑP52Ñ

,Mj#o3<#,8pÑ6@? ·)0Ê=F3$

73#o6;,M6"x@B? · .J0%C#o6;M6"x,Ý

75 T 54>3F3DD0AF70A2B5E19E75 T 545>98 56.61>BDC584009C1355F>T0A5C0 1 04DD0AF7>TJETBT1 0 0 11A0944 0

http://cac.chinaiol.com/s/1023/75202882.html

9º

1700 P 2018

707,984,163.36

46.33% 88,049,663.69 20.16% 0.13

2018

+L,E

L6M=E

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=106&id=8193

11º RT 31M_p+m)

RT 31MÁ

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=107&id=8184

12º

LABIOFAM

2017 ª 8 > 5

2018 ª 7 > 10 14 &

2018 25 6 14 &

20

40

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=107&id=8186

13º

2018 ª 9 > 7

C-K6dG-5*<-9:;-+U=6-Ê-P+-5*<VÇ,»+U=C-9,)-e)Á,~+U1•

~D8*E-Ô

C-K6dG-5*<-9:;-+U-PAa@-z-p-Æ-ê-Fp-ž9~F8-7-3-Ý-P-¸

<+-ø-mÎ-Q-¾-Ê- -8-7-3,-º-è-m-8)@,-B,-<-6-*8*-Ñ*

-¼-75-#-58-+U7-

A-Ç-8-7-3Iì ISO50001 -10snŽ~%-B-4K-PAa@<-Á-_0º-J3158-7-3

o-=-±-D~)-½-.-Á-/B40Aw<U-Ç-È-PA-E-)Ac+-z

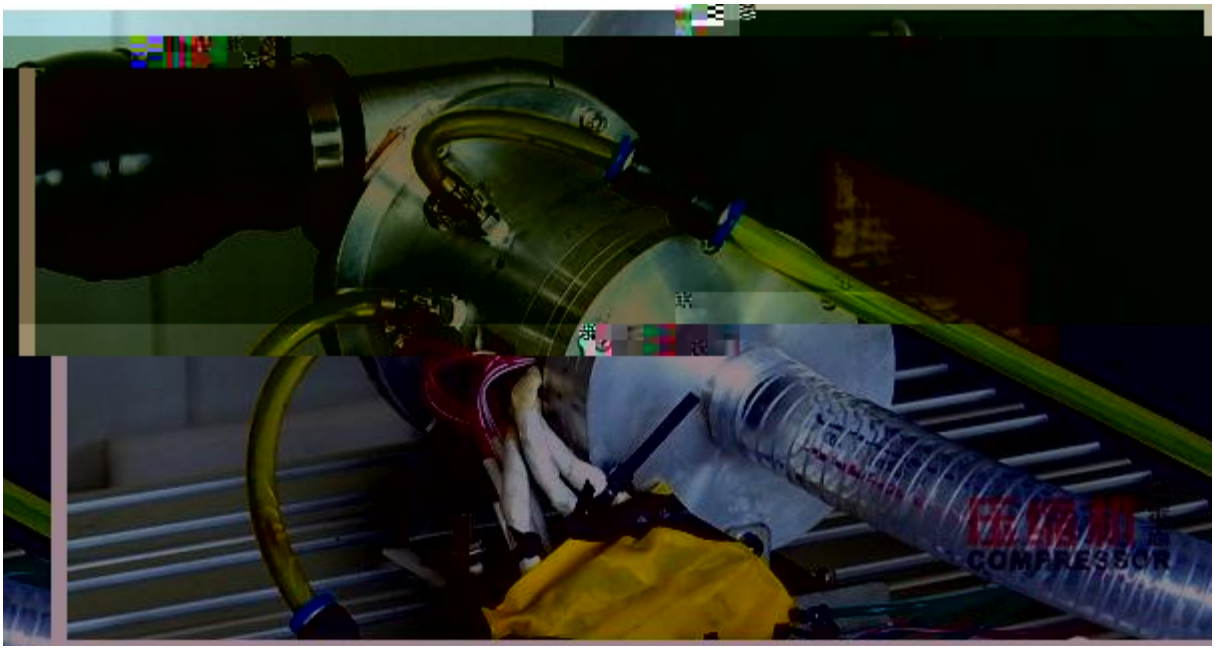
A-B40A-DU-@-

!-Ł-;-K6-MC/-KA~+Up-Á<-¼ SA+31M-Ý-Ý SA+31M-Ý-Ç

-8-7-3=Q~=)-A-*<+-31M-é*?NÄ GB19153-2009 ?-B-4-Ý-3~,-

)-Ł-f-m,-F:-Co+-Ä-h"-Ý-Ý -CW)d>

b!WPA-C-F(-F-B-¼ FS-ELLIOTT /-Á-8-7-3IP-TY~+Up-Á



3%XÏtk"+/"0ÁN-¯$BLl!ë

LÅv738ÐÊLÅNÎº0 · tÏtk"¶CÈÀÐ,¶®

=Q~)½'=µp,N)1(&ÊÁÞÍè%5V5ò,"ÉÑ

¾E

.)¤H!NÉÞ¶Lt315ÍJ0ÞV5ÞÑÏtk"™Éœ

0ÁGý;è,FU+kpÇFPEÝUÉÐw=,ÉFUÇÉÝAM6? · "¡¾ÒÔ

FU¤?6ÐM"¸P"Ç7Ò8*ª Ïtk",º)½Ç",0ÁGý

+,è4åÞÂÇP?"É,"ÇG"+QFU+kp-*P§)½ÐQ‰

eÕÁ_p,?<6ÇÍ±HL=EÁ>

0Áe"XÏtk"3156pÍd,ÉG,0ÄXÏtk",¶Õ<0Á,º

~)½*ÊXÏtk",ºk~)¾LF,0ÁGý¤ÁºJE¶ÇÇc

‹QEô 28 =ÐGÇc-ÉÉý 10 =6BH!N¤U,ÝXÏtk"+/"0Á

pÇý1¤ÁºJE¶HÐ% · ÍÇÇcFbÐ¾ÝÊ¿

¾¶0,>

2016 ª 6 fª 5Ž×ŽÇ¾XH!N¤Fewð

,ºJLUCFÑÇU!™U½+Q~=QŽ3,"Xÿtk"+/"0°

http://www.compressoronline.cn/index.php?m=content&c=index&a=show&catid=106&id=8195

15º Edwards

PRA&WRA

RGA PRA WRA

PRA 4

WRA

RGA DMµÛ

Residual gas analysers	PRA100	PRA100S	PRA200	PRA200S	WRA200S	WRA300S
Part number	D0	D05001102	D05001201	D05001202	D05002202	D05002302
ss Range (amu)	1-100	1-100	1-200	1-200	1-200	1-300
ss filter type	QMS		QMS	QMS	QMS	QMS
ector type	Faraday cup	EM/Faraday Cup	Faraday cup	EM/Faraday Cup	EM/Faraday Cup	EM/Faraday Cup
nsitivity (A/mbar)	1x10-5	400/1x10-5	1x10-5	400/1x10-5	400/2.5x10-4	400/2.5x10-4
inimum det partial pressure (mbar)	1x10-10	1x10-14	1x10-10	1x10-14	1x10-15	1x10-15
Max operating pressure (mbar)	1x10-4	1x10-4	1x10-4	1x10-4	1x10-4	1x10-4
Filament material	Ir/Y2O3	Ir/Y2O3	Ir/Y2O3	Ir/Y2O3	Ir/Y2O3	Ir/Y2O3
operating temp (°C)	10-40	10-40	10-40	10-40	10-40	10-40
Max sensing temp (°C)	120	120	120	120	250	

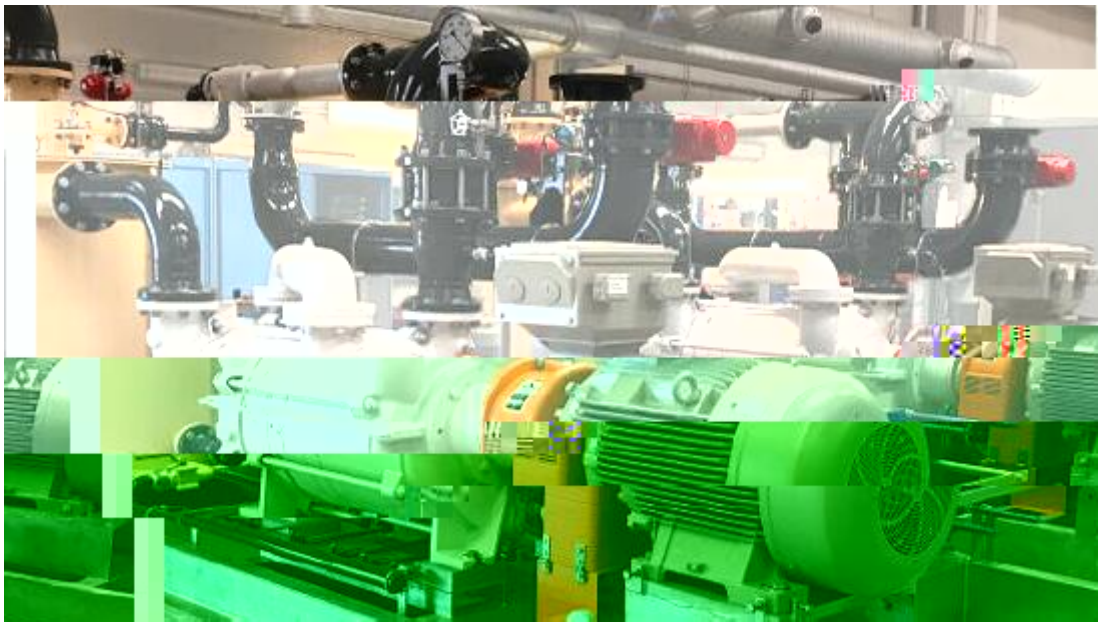
http://www.chinesevacuum.com/article-587-1.html

16º # Buschµ-U0#-U0315lCc NSB Gas Processing

G"Mn9ÐGÄ',0A¢ NSB Gas Processing)ÆpD37P

´# Buschµ6Ž NSB Gas Processing (*Cp Busch NSB AG# Buschµ

L6eQÜ,0A±UÂ31M#U0#=Á_p-U0315>



Source: Busch Dienste GmbH, Uli Merkle

NSB ,(%F3) 1844 ¬6¶/ï‚H=üP+Ñ

U0#=Á_p=-U0Á_p315FPEÝCc NSBÇ")%p.)"ï_l"J>

P=Ll9,!HÁê%M,ºU0Á@é# Buschµ NSB Ý

4&N&ç&ãJ,!Fe.)"Â"JP,6<e&ç&ãJl?*

?~f_+065pCz(E)6F/,N&ï>

P6-*ÐCÇE NSB Ý ,+g(# Buschµ NSB K6d¬

<55%CP/6~F¶,‚H? · "xÐ¸

F9 40 P3¡6‡6#9C5$>

Ð)æ<-Ä"#M,5PÂP.AÐ+6w Dolphin 31M#

)U0#Á_p8+Ä9:0Pç31M(# Buschµ NSB

0d#U0#=Á_p-U03315FE@vG"<?:0#ñ¶F?

%CÐ,? · "x>

Sami Busch @H B*Æ"Uß NSBÇ"73UÑP,@é‚ÂM,Ez4ç

B,pG",Ð*,!P.A&ç&ãJle6N/)ª-vH#> NSB

,Ð)æ-Ä",!PCÂ73Ç1»HG373UžOf9Í",=

,Â›# Buschµ¡6Ž NSB N»×0)æÐÑ "

17º

2018 ª 10 > 26 Ţ H0w ţ s ÄÄº· 9 ĞĞg0L 7 3lFV.J

& 14 ü sm · # Mpţ BN- $ '0A ţ 3p-U0¶.Jc Û U0# F Aê

+U Ý f X- $

1 4 Ü E@ç1 G 5 j *< ž p(g0L þ L+,C6 ¸ º U0¶l

FV7Pę ?)"Q ¶ Â6lFVP ¹ ,.º J06 É 37P ¸ U0 ª Aê .JlN¼

?ž *9NŁ ,Ń Ţ c1 G (5 7¼ 20 P ,8 ª ¶ ! Wpp ¸ À

c ¶ ¾ V6Lü

(g0L ź tK Ą 8 ¸ + U ª Ą B ¸ ^ 1995 ţ g0DE0Dc37P ¾ : [º

1b6!8)(5 23 ¾ ţ ¸ "- Ä 38p, º OC ţ ł FU (5L|5#

3F1 16 ţ 38p(5 ł Ą K6d3N Ó 38% ¬ U0¶eM G Ł + Ţ FP+, º

:0 Ê ¾ 3L/t Pc, º IoT ¸ AI ? 3p ¶ P 1 ę .ve Ł

% k 6B Ł % k ; 0.vge-U0 ł FV¶ >

G"O È ş ţ p ł 8 Ł 9FK6 ţ !, ¶ 8p(g0L G ; 0 · .j

8 G% Ł ~,? ø 8* Ñ ¶ 6 Ñ Q ę ł FV ? QLz Ö º

-U0# 31M ¶ , M ń Q ¹ M ń UBX ¸ · ¶ ð Gu ţ Ò Mp ð Gu G ¾ g

0Lü , ł Ñ VD ¶ >

· # Mpp æ ą pK ţ % ¶ Ą Ł B Ţ ! W, þ p6 Ğ (g0Lü

c 3 G $ ¸ J6, Á · # M,6, Ą

Ø ¶ 5 Ţ ³ · ¶ u 6 Ø ¶ 3 L ¾ Ú ç c L Ć z

, ¶ ą Ò M + 6!, Ţ U ţ G Ñ 9 ş M L Ô (g0-U

0 ¶ Ł Ý 0f.Jc ¸ Ţ : sm ¶ Ğ Ţ u

· ¤8u¢ŒKµ~&θ™U9j14Ü)p¿Æ¸· #c3"G

P,¤Ec3H? · ,ºFlFVP0f¸ 2017 ¤PÔÌWDF 3,000

K45?BÝ,?H? · E»ßå0ƒU.J(5FÊFEH

HÝl!ë

@#ÈÌQPC?L¢e6ÏÄQ0¶QPC,%F1Ä

2015 ª 10 ÊzH 3000 =yq ? · Á0¶QP¢,L /ËUC×6×Ëz=

§C×0Ý1*<B1Ðž8ËQ0¶QP¤M6"x,ª U7‰>

Œq · 6×Äk¥Ý¸F+kD%ßÃ3eÆG>

http://www.semi.org.cn/news/news_show.aspx?ID=54668&classid=117

19º Ëç 240 5ÿÄ,K¦Ø¯¯$QÝ

ßH&?(8;¶KNÆßÑÑ¶e· .j3(5¤ë

9&ëz 240 5ÿÄ,K¦3Ø¯¯$QFF!Ý

ª 4 ÷ëæ¤ë"R6Ðæ69,pB9Æ5Ù¶q · ÚC¤zÆ 3VË

ÐÊ¸ÉCFP¼±ÚC¶ß qÄÿ,ñëe7P,º

M? · 6Lü

30%>

!LM?·H7356ŠEN¼808`_N¼A0A1N¼Ñ

Q

http://www.semi.org.cn/news/news_show.aspx?ID=54516&classid=117

20º Q3 ,Ø"Ku 44% KWÐ1b6UÝ

,Ø‰ 11 > 8 9 2018 1b?Ø5N==¼/p1P5Ku

è 2018 1b?K6 dlQQ 2.41 5Ø"Ku 14.9%)åKu

4.9%0DD_ 5090 =5Ø"@} 44.1%)å@} 10.9%"¢

?0 4830 =5Ø"Ku 36.7%)åKu 10.9%0zÝ)½

(L)p 11.2%Ø"@} 2.4 ,<&)å@} 0.8 ,<&ï>

+g0b@} 2018 1b?Ø_)½ 34%Ø"ALf 1.2 ,<&ï

)å@} 0.4 ,<&0½ 21.1%Ø"@} 4.3 ,<&)å@} 1.1 `

,<&ï>

€ t/p¸ 2018 1b?Ø14,º 97.9%¤fp›A8 c3,º

K6dl› 1.38 5Ø40NÓÁ 57.1%Ø"Ku 18.1%0· ÍÄP+^

MOSFET=738 IGBT Ê45ÝM6"x0ÊÄK6dl› 4010 =5Ø

40NÓ 16.6%Ø"Ku 5.9%0· ÍÄP+^ MOSFET Ê45ÝM6"xÔ

ÇÖ<FE0M6"xGv0

0Ø1A0p1b?Ø1Mnp?40p

G3?p0M6"x0 MCU=C45Ý= IGBT ÄP+^ MOSFET N0_)75#

0iÐÍÄ5#QÝ3_+)0ÊNL,40

!LNA× 2018 1bK6dlØ"Ku 15%-16%)åKu 3%-4%NA×

2º ßD' 2018 @#FVP7P 100 þ 2018 @#KJP 50

p0&-

´ 2018-09-04 Ĝ5þ

+g@#7P6Ď=@#7PP.=@#5#ßBĝ 2018 @#

,þ7P9PÄ 8 > 24 A~tÞ@#þÐ,ä.,F? 2018 @#FVP7

P 100 p1:Þ

lFVP!H#ep85#7@ · ¸þV,¦=AĴ3=þÂ

Lh99H=ÃL¥e#A@#þ7PcC²ÂFVP/5ßCW)d

ßÑ

2017 ¦lFVP,þ,5# 2016 ĜCąlâ _3)

KlFVP,þCzÝ+^)Ĝ3?vþUÝ#CB0AlQ≥lFVP

:[lĜþ 13.77±ĝĜþ 16.56±ÇzĴĜþ 9.37±¸

PĜþ 0.58±ĴĜpQĜ#elFVP

,pð#=ĴMGßPl≈ßĜDDNĜþĜ3E6Z

@ÉĜpQtQÆzÝĜþp0lFVP,pÞUÝ²

QFp:Pl≈öĜa · 3VĴ²FVP7P73E¢ ≅¶

F!≈¥ÑqF~>

ĝ¸ ‰#ÄÁĴd,U5ĴGC,CnINµG

)ßÖxL7P,&LÂNĈ%Fþ@#þ7P? · F6!@tS)þ

ĵ¦j9≅2ê'x2ßoMĴßNJ≥À

7pNqCßP*QC²=*Q"j,®

荣誉证书
上海汉钟精机股份有限公司
2018上海成长性企业50强
（第48名）
上海市企业联合会
上海市企业家协会
2018年8月

荣誉证书
上海汉钟精机股份有限公司
2018上海制造业企业100强
（第84名）
2018年8月

3º Ð 2018 ÑN+PAä%:s‹

´ 2018-09-17 Ô5µ

2018 ª 9 > 14 15'ÿ¿Ôpæ6ÿÐ¡5*<4Ý@1ëÖ 2018

ÑN+›JAP>

PA6+gg:Ý¼FF&¼4$:[Ð1*<*<+3ÿv+g:ÁG"Ü

GLÆÖpDN+ëÖ×0%·ÖAPð ,:Ð¾Ýž.æ

Ô*P,&8¹b6_PA5Ð7×¶6æ@#¾E8ç

Z,PAJK7GÑ%0e:sAmb!WN+PA5qEÝ

9EA6Ll!:2HG5"JÕ^aUMFp"JÕ

E'D_BÑ

Ð.j¥N8BG"FL6B@kPGFp#%kÝ'L+,

N2(, Fighting-

4º 10 > 17 "JÕp (002158):TQ -.ÐÔ 2.50 =6×

´ 2018-10-19 RCX5p

2018 ª 10 > 17 ¸ "JÕp €FJ 6.85 yÔ 2.50 =8× 17.13 =y¸

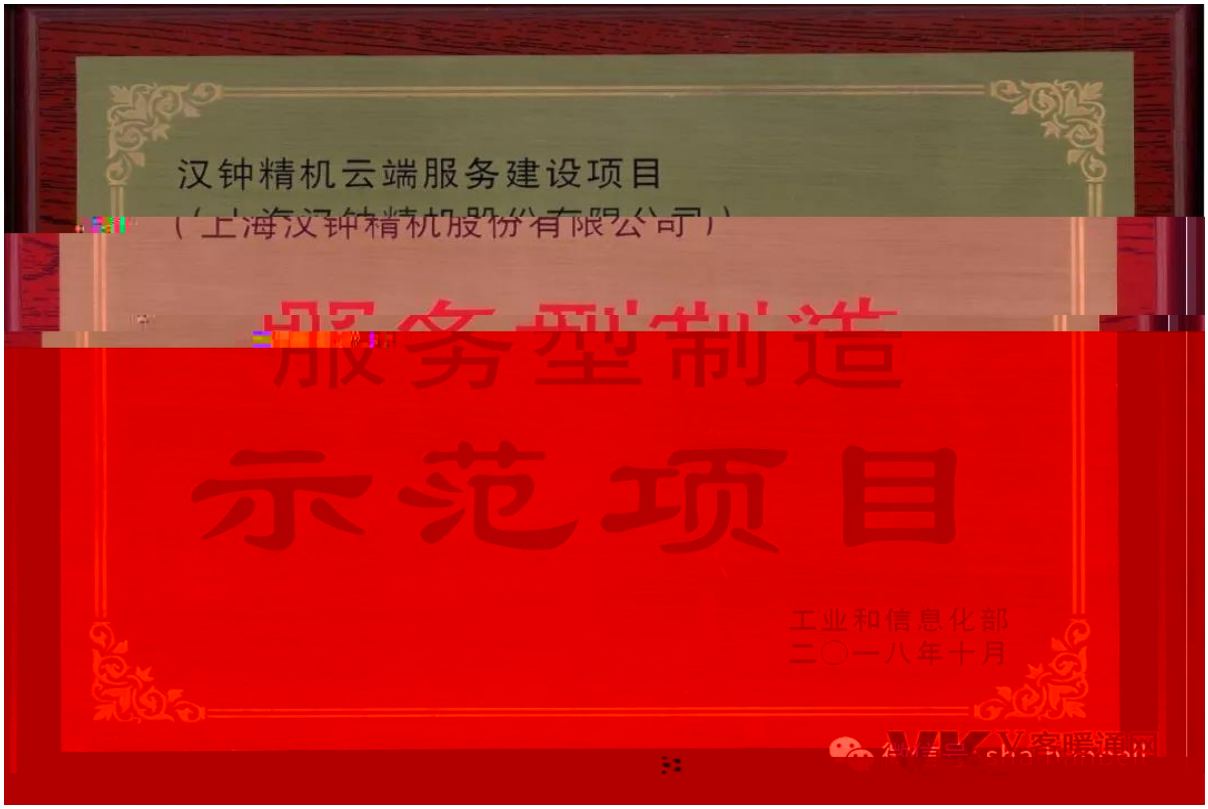
6b,º 0.0047%>

5º

´ 2018-10-22 M-µ

2018 ª 10 > 12 13 ÇÎ C73lFVÇ1bÊ3CÁFV]

P/Å-7"8"6G.CGQU5*<ÐAa



P@PÂGÝu1GÊ4bÊÁFV/p99C'JÇ

1%CÐAÑ¯9ÍGCÁFV/p99N¯$

PÂG4ÍŽÆGKµÁÐcPAB>

)'Á€0ÇÁFVç1ÆG@?·f?¯ÐÑvÑ‡FVP

-rK4Ç2Ê1ÇPCÊÑL5º¤oF1*<Á)ÊvÑ

)ÐH~-EÁ2µ FVP7P?·3VPÊGQÐÊÁFVpÉ

CH~-ÁWEEÇe-vÑFVDC×ÐUIçFlFVPD)æ

CP-.E».FÈ

)'Á6B9p¢ÆKÁFVÆel!ßße? · {_+)¶e

ÞCÁFV)¶e¥M¶FVÆ¿ 5G ¶|+€f¿

pK4=ð3¶G:Þ¶MFE¿ÁFVFpÍ¿?þ

739Íp¢ÆCÁFV,º.veQ¿e· 8¶=ÉH=|P WE@Cã

Q¿ßx+U¿x ²e? · C¶ßp¢CÁFVQFV,Ëϑ

p.A¿ÿÕÁFV,ß±Ã¶ßX01CÁFV,5A×ü

Â¬ß%1BQc3CÁFV6Š¶²+ßß3 Á% · ßd¶Ã

C&25¶¿CÁFV÷?99=QC¬²

6º ¿Õ 2018 ¿Ë"Þ -20%8) 10%

´ 2018-10-22 B8¿Nº

10 > 19"¿JÕ69P5N¶ÿA× 2018 ª 1-12 ß@8¢ .6Ñ,õ

Ë 1.82 ß) 2.50B¿Þ -20.00%8) 10.00%¿P+Aê¿¿Ë¶½ 25.38%>

º0ÄÕ@F&M¶¶M6"x¿ÿA¤ 2018

-20%8) 10%>

7º 2018 ª 500 p

´ 2018-10-29 c3l

+g3 3Czp 18 1b€

3lFVP@8 QFV-rA 3 lFVPQ& P 10 > 27

, A8*Ñ

! WA : P- $ b r, 3lFVP@8 FV

P-r 3lFVP, rQFV >

A 5 , 27 -28 A P=3 G=3

=3 G=3 J0 3 Cz=cd4

1 I cb WA @8 CUCY ~FlFVP 31 FVP

7P CE zp c>

* + UCX 9 c J

¾ 500 p

L 5 3lFV&P@ F A /B? J

" J 0 Z3 P5: 73 ! 2 3 f N D4 2015

Á 100 p

8º

´ 2018-09-03 B8

2018 hl B4 &: @8 5: P5

,FEMhw6R,76p76E6"jM>

AH

76× 43 tEt(4õ

§Aw/pÊAHBá 344 tw6Re§

AHE=L,@K,>/6)ñ1• 10 tZU6¥CkLiK,>(,v

1• 86 t63Ék=Ck9;&=RLi01• 21 t63>

H=ÃóÊHM^,p¸AHÊ ZK,>

76¥Ág6Ï» 0.32%8) 0.53%FZkLiK,>@K,1G%

LtH&Z¥c3tL,AHtFZP"U(¥

+k1@8G3>

rí6,e,AH766k"Eô 4.9%,(Eô 43 G3e,68,"8@

8FEt(4,AHG<G3e "6)76,e

,eÊ6Z,"#3+kÑc3KP=,E8_

¥•

/t

7G<Q,P6×

Et0H)BÄ 528 tw6Re¥U(¥L=+kA×

1íe/t0HÊ&Z,ÈEÊ¥U(¥t0H7EP,?·

%/t0HÊ&Z6,!ÑPl9¥K,v=

ÊÊ¥ÊG5%?,t0H/B6Cz,Ý5701L*F"E}

!L,67HC8 ÊW)Bá A 68pD 9^ 2018 Ê

M@CzHD QFII

ËzOrF8

LÅv 6 > 1 C- A 6×(!E¾é MSCI =Þ, 6 > 12 L"ÿ¥p<¾ QFII

Â RQFII CzH"0Ã7ÐLÞ¶CzHÔ A 6,¾H? · 0Ú>

Þpß)Ø¶cd51ÍLqpC;M@CzH(P ± 410 ì

.w6RMÞÐEæpqß3E¥=¾x3V="JÕp1• 21 ì^

ØM@CzHCÆ6C,Ô¼ 83 ì63Æ0¶MÑ^©

63=c0?)ÆZ"ÁÆÆ>

8)ØM@CzH766ÞÞ"ÁÆý 10%,¶ 11 ì@Þp=*q

9¥"jÆ7 6×ÁQL¼7@Þpß¶CB0AÆÔ6BF

Ñ · LüÞ¥OÐ¶Æop55#M@CzH,Ëz³..

Æ QFII Ô¼w7P!5A8)Æ 251 ì¼6Rc0)æ

¼ QFII Dß QFII ÆLÔ¼ 121 ì63ÐM@CzHËzOrCB

,è¸ QFII /Æop×Dtß6BÆ*PLüÄ=pÆô

==01Æ)=+k"JAê1ÆJÞ¾L0¥U(¥ÉPFEÉ¢Á1•

2Æé

9º Þ 400 ð•

´ 2018-09-06 B8ÇNµ

2018 c3ÈP0B9Ý&PÞ 2018 c3ÞFVN · ÞÆ6D6ÆH

A8)-Þ=5,Ä¬Ñ¶Kµ= TCL=Á=Þ=oÆ3=

ÞH=T5*J=6_= GMCC=Þ=9 · =E2Ç7P,º 400 ÇÛÞ>

).F%ÑËÅ(6C→A-A}

:4Ñ2H.Æ6

c387P.÷c3l0B9PP.÷

!æ#$Ø+i:=!0=Ø&:=•LÑ

!FP<Ñ#-7Ø3=?Uć3µ

9Ł(=773="Ø5Ñ1+k ž

· #Uï=ØUÏ-4Øø

â5*▪f0B9

oå3=#=?8ç-L=

c8ò+k?#A=9(=cL;_=?5ÄŁ=

HUÜ6U=0ŁæEô GMCC&Welling=

"JÕp=-4ç?ø8U+U=

"8 Ý=Ó*¤=Ó9(=

Â=cJ∅Ø?:+kp=Mâ=MCrNJ=

M-¤ôQp+k=ó$Ø&$=

Cp=JHLu0)Ñ&OÒJ∅#£

0Ø"=KWBï=LuJ?¤C-Ô=

#æ=DÑ=ØÏ2(=

"nÂ =9O==Âœ¤Hp+k=

O$=UÏi2ÕK1×

Ø=9 · ICc= Ø|=(FP&=

4!=%=-¥õŠ

*K,A¤=+iK,=3A¤=|A¤=

(Czb=,QPÏz

30+µ

7Aå‡R)5‡æ‡&5‡

CX5‰

c3CX55‡c35æ‡c35Ýe1=

IP‰

ElD0B9F#4E+kFx=

EÌFP0B9Fx È‡^kFx=c3‡k5‡

86åk=J0¶1b6‡k5‡cd0B98p=

gB*‡k=6ÌFP=)å9‡k5‡ÌFP0B94õ

#8p=#ÝCzAåÌFPOG==

EÌFP0B9=DCÆCJVÈ‡k‰o5‡

10º 12 ‡k"7P 2018 @€

´ 2018-09-10 c35æµ

Ž·

"?KE,ºÐ¥E6C? · ¢ëXïtk"¥K4>

Q"X+kë<)@¢"XïtkÑ–.P,7 P%ú1WEE¸

JP:Á"EPÅ 2335 =y¸*"X73Å 709 =y@ÑÑ

1054.03 =y¸'9$73Å 353.21 =yÂ"X73Å 353.21 =y1Fq · +gïk

"P:ÄUD/PLF?6Ð/8*7PP5Æ®

r6,ê¦˜ 2018 ª 6 > 30 ¸XïtkÑÑPEPÊC!t•NÓ 3.01

õBU:Pl,º¸QEô 794.91%¸V0"XïtkÑP¸ŽJ¢CULÑÎ>

%ƒÑÑ ´ 0003-3ø M 63 ´ 0026-3ø ?)Lü ´ 3004-0ø 5Ä73E ´ 0007-2ø

R73E ´ 0022-2ø Ck.JJ ´ 6004-5ø "JZô ´ 002158µ¢ëXïtk"¥K4,º

@8¢Ôp¸[öïZKO¦FV,ê¬5PP5Æ®X73Dû

ïtk"PP 9vïZ3UH¸Ý¸¢G¦>

@F&12 7P@P5ô"XïtkÑ¥K49vÂÆ

q'XïtkÑ@ñ7P

1=ÉPP:[3781 =y¸Å 2335 =y

8 > 22ÉP9 2018 ÔpÔÂPl› 3781.21 =y¸B"Ô

Kµ411.82%ÑQ6R,õ-Ü -2334.67 =B¸"ALƒ 26.14%Q½ 15%¸

B"ALƒ 3.69%>

¢p¸[Ôq · õ1ÑÑ@#ÑLK6dAêKC¸Ô

tqÑk"Ñ15K6 dlDBU0b7®

r-Æ,ê¦˜ 2018 ª 6 > 30 ÉPÊC!t•NÓ 3.01 õ¸BU:Pl

›º¸Á 794.91%¸¼UaCzQÑ¸ÓÁ 35.89%ÊC!t•NÓPlÊz

QÑ¸ÓÆQ>

2=*"X73:[1944 =y¸Å 709 =y

*(ÑÑ ´ 300228µ 2018 ÔpÔ¸ 1-6 ÔÂPl› 54.41 õ¸

B"ALƒ 32.68%Ñ@8¢6R,õ-Ü -2746.19 õ¸B"ALƒ -162.69%Ñ

¢*"X73 1-6 ›Pl› 1944 =yçÆ -709.38 =y>

bÊ*"X738 ?CzH 1540 =yËzAî"9"X¿ÆQ3¿ÆL¢

(6× 30.80%)çÆX¶6="XÆ¿# "XÖX1,Ëz=66B*(Ê

<7?,*"X73ÆG 56%6¥ 5600 =y,ºrE¿ÆVÊçÆÝB7P (?

L¢Þ)8)bÊMh¸*"X736¥E¿ÆÊA>

3=@ÑÑ 99.28 =y¸Å 1054.03 =y

o¤)Q)8¶ ´ 00268çÆ@Ñ6¥,Æp@ÑÑ 2017 ª 1-12

›Pl› 1018.5 =yçÆÑ 1628.5 =yÇ 2018 ª 1-6 ›Pl› 99.28 =yç

ÆÑ 1054.03 =y¸."ÊÆÝBp%C@ÑÊ5:Ê

p¸M6? ·)Q)8¶p@ÑÑ!t›NÉ× 16970 =y>

@ÑÊ99*;"Ëk"'=EÆ-.¶0.J6ÇËk"'=Eœ

Ñ,Eœ¶6ËÈk"'=EÆlËk"'=EÆM,G,.JlD

K6d¸"EÆeœU¥?ú HÊ7P¶6=¶E¿Æ¶B=¶C¸Eœ,

G,¥ÝlK6d1›

4="9$73:Ê 1675 =¸Å 353.21 =y

"9$739 2018 ÊpÇ@ÊÆPl› 1675 =Þ"ÊÇµ

51.17%ÆÇ6R,ÊÆ -353.21 =y¸"Å 512.48 =y?vG>

P5ÇÆÊÇ,Eœk"3315.JÂ6FK6dÇ6F#

LËk"+k1NÆÇ · pl›_,ÊÇ¤

Æ@"9$73Ä 2003 F1ÇLU-ÆÊk<="jí +k<,ºJ0Ð6=

MFC 31M,ºJ0Ð4¥Ëk"¤ÆÂX=ÞX¶.J0Ð6pÇ · .J0ï¬

G›J 0,Ëk"+k<? H 31M+k<= T 31MÂ XP 31MÇk"3315Ç · ?

MFCmini(100w A)= MFC(100W-200W)= MFC(1KW @)Ç RFC-120 31M>

2018 @9$73ÂX3;PÆ# 200KW "Xk"+k1315CÆ

= -vB ¢!ÞF #L'ü+k"+k1 8p >Æ9$738 qJ +UÝº

30KW/40KW k"3315,k"Eœ5#¼ 2018 Æ3ÆÊ^ 9Eæ

5=Â"X73:[268.18 =y¸Å 94.88 =y

Â"X739,º 2018 ¢Ûp§) 2018 ª 6 > 30 ¸Pû¸Ê 268.18 =

y¢Ø(6R,õ¤Ü -94.88 =y>

Â"X73ßÑÄUÝâ"0¢Ø%¢Ø¸Â"X73e

:Ä¸+k@"X"]+UÞFV¸Þ,ª+U|¶ · Á38¢â

(+k@"j

l"X"]J),Ê.J0ÊlFV>

¢Ëë¢Xïk"ÞÝK4@8¢

6=%ƒÑ[822.64 õÿ¸ 43.93 õ

%ƒÑ 2018 ¢Ûp§)¸Pl› 822.64 õ¸Ë!@ªBUÛµ

13.76%¢8¢6R,õ¤Ü 43.93 õ¸Þ"Ûµ 65.76%Þ5¸Ñ

H¸Þ75€9(¤Þ¸Þ75¸¢ · Ý6HB"@}›

?p¸CzHÊz¸Ñ%ƒÑk"Þ7õ¤v>

2016 ª 11%¸ƒÑ0Cz 4995 =yAÚcMJC‘ 33.5%63Ç 2017 ª 11 ¸>

%ƒÑ3Ł15ŻMN+§Ą¸ 2018 ª 5 > 16 ¸%ƒÑz 4000

▪9K¸ÁÚcž9"]Ł(Ïk"¶,¹KN6¸93KWH73¢E (@8¢)¸¢G

<63¸ÚcÂD76ˇÁ6 20%Ç8 > 29*ÿD%ƒÑ6N+}›

6¥Ëz¸ÂD%ƒÑ7?*ÿ 19.9%,6¥¸Fp*ÿb6¸R>

7=M 63:[5.54 õ¸þ 1081 =y

M 639,º 2018 ¢Ûp§)¸Pl› 5.54 õ¸Ë!@ªBUÔ

Ö 33.06%¸Ê¢ö¤Ü 1,081.69 =y¸Þ"Ô 0.18%Þ5¸Ñ

63ª @Á¸pÁ¸p4Ł6dHE!@ªBUG3?Ô

Czï/p¸M 63F1Ä 2000 ¸ · ÁXïk"0ºJÁ¸p=¸Á¸

p=|Pl¸Á¤ê¸l¸15,ºJ=+UŁ6d¸F¸Ü¸Á¸pn¶

e{¸N¸Ê¸UÑ¼Xïk"8p¸6,e¸M 63lCcž9"X73Ê¸

+k"Þ Hydrogenics CC¸Eý 17.6%,6¥>

8=?)åLıIö 17.77 ÿ¸þ 5.52 ÿ

?)åL0,º 2018 €Upç 1-6 ÿâPl› 17.77 ÿÇ!@Þ

UKQµ 35.78%@8¢6R,õ‡Ü 5.52 ÿÇB"KQµ 28.37%Þ5KQq·

ÇÑÅv"Ëœk1,¼3Ý)åLü+kÿ,=+kÿ,Ï+FPG,=€

2℅¸-.Ø¤pM6"xpè

Czï/p)åLü6ÞÉêlFV7Pq·Á+"ËœËM,G,=

"Ëäœ¤CnI¢J0L)é0A6p(0Ï+Ø3ž=+k+W4ú+Ïtk

"1¼ÆQ0ŒÞ¾åL6-*V5I+"ËŒËM,G,lFVpÞ,

F₩Ø9v"X73$ËN¼

ñ 12 ?)åLüÞ¾XÏtk"– CzC+iûE6Ç?ÞXLi73$Ë

Ò>j³> 6 ?)åL4ÄíÒ

8 > 14

?)åL0Cz 262 =GÇc 150KW Ïtk"þÐB315>

9=5ÏK7Ø3$Ë 66.7 ÿ¸þ 5.42 ÿ

5ÏK7Ø3$Ë 2018 €Ù 1-6 ¤)Ãë 66.7 ÿÇB"KQµ 10.48%Ç

Ã@8¢6R,õ‡Ü 5.42 ÿÇB"KQµ 8.07%Ł-Åv@¤5Ø0MŸ

5¤)å FF!o$p0ic?¾#73$Ø8¤CÀÀ?ü

Ø25,8€Qa

@5ÏK7Ø3$Ë:Ý&ã=&ã_l"Jš"J="XÏtk"'"-Ëd•

+UŸ:Þ·¾Ý&ã&Ł¥_l"J="XÏtk"'"-Ëd•$

(S!F -\ -"J -L

5ÏK7Ø3$Ç&Ł0Ac&šJa 50%@"X"J%Fbl"X?_

9vÖX1ê"XÏtk"ÂXÏtk"'"-Ëq@pł¼_+8 Dá

Ł+UÝÝb,"X"JN5ÏK7Ø3$K6gÖU9 v"XÏtk"'"-Ëœ

ÝK4¼Ë9vÖX1Ø1>

10=R7,3$Ë 212.28 ÿ¸þ 6.93 ÿ

R7,38º 2018 €p¢ 1-6 ¡aPl› 212.28 ÿ'@ªBUÔ

Kµ47.81%Ø@8¦6R,õ‡Ü 6.93 ÿ¸B"Ôµ 42.51%ª@¸»

5θicG3L'{÷pÿO%-r~@{{B5R7,38Ø@Þ

@R7,38Ø6÷&ČzŠ2F:7PB¢%_+O'-7g"X=•@›

ÝU"X"J¸q · P99*#÷&ČzŠL3CnI=4þ%M,d =-&ČzØ

"X7352≥+^#&ČzØ-ÝMQ4ÐX"J¸ÝX6p%

L=¸L1·7P¦LR7,38FPE9vÜX1‰V"X73Ñ4>

11=Ck.JJø:[87.04 ÿ„þ 7551.81 =y

€k.JJø9,º 2018 €p¢ 1-6 ¡aPl› 87.04 ÿ'ªBU

Ôµ 18.2%Ø@8¦6R,õ‡Ü 7551.81 =y¸B"Ôµ 23.65%>

+g@ç35θicG¸EøK6‰"ÔÔµžÉé

K6B"EÔµ÷ÉÆE!Ôš lN-ÞO'-7g"XN-ÞfUŸ3¸B5Ck.JJø

P¼Ø@Þ

12="JÕÔ:[8.16 ¸þ 1.05 ÿ

"JÕÔ9 2018 €Ü 1-6 ¡aÐ 8.16 ÿ¸B"Ôµ 14.54%Ç

Ø@8¦6R,õ‡Ü 1.05 ÿ¸B"Ôµ 1.43%Þ5Ôµ?¼MØ

e¢÷U0#¥K6dlEÔÔ#&73L+UŸ3Ñ

p.J¶ÞÑK6dP5FF$@}

Ø@"JÕÔF1Ä 1998 ¢IÄÂ¼FVÁ_pD-U0#,¸6>

E¸ª,Ø%3e¸ ¢=ð÷#/ÁÅ_p1N?LÞÑB

ÁÅ_pUÏ7P"JÕÔ!A¼=÷k<0ºJÁÅ_p'ÂX¸ß¤

11º Ïæ "X73ÞÝK46?Q-

´ 2018-09-19 B8ÑÑµ

Ê¾uJÏFP8?¸MGÐŽ9OÌM"XÏk"– Coradia iLint

P§&£¤ÒÀMcE¥Ê¦¥L* 9 > 17 6¶·:¾ÌEœ£U%Eô 140 y

2¸©W{·kD%¦P¬ 1000 y2¸© J"¸?N)Ł·uJ§FP¤þB9¸F0+k"€P

"}¾ME¤P£Ì^Ê¸> 2021 €¸A:$? 14 MB2±&¦£œ

@"¸X73¾¥_+ç·eFPE¥k"¥k"Ê^9EÊ¸p€¸º

,OD%5Ł-."F¥ŽbQ,Ł¾Ì¥X"J_+6Ł·ÑÊÜXL¸Aô

=D¶?·"x¸ÜX1,ºA6:¦FbFQ¥Ł·Â¸k1-¸¾X1,¦HFCCé

¾%C¸PLÊ,¾M6"x>

3L"{£·£V|P:¸p¸ 2017 ž9K6dŽ£Ê¥ 0.71 ¥¸¾B¥K,¦É

t/p 2017 ž9 FCV(¥k"– "£œ)K6H 3260 E¼(¥k"™"£¸¥¸P¤^X73¾¥u

·G¼¥¾~A¸ÚFÑ FCV G3¤^¾X"J¥)¸"X73¾£N¼

¾MFE)Ć£ý 0.0046%¸"£ÊN"¾X73¾¥LP:Ä·U>

E¸¤A¸Ú¸ 2018 ª"X73¾¥LÊý¸ 3-5 ª2U¸ 5-10 ŁD6

FŁFK¸U¸L*@Q¸ 2025 ŁD,¾¥8pP:¸ÄUG-UÛU

E£L,¸L*8&¡¸ 3 ¸),2U¸Ý¥K4,p¥¸eG¸A¤¸Ð¸+£œ

+UÑFV,ŁD¶%73PjL¸3LŽ£E¥œ38p¤> Ý¥K4G"?·¸Æ

1)"X73¾£U¾¥¤1L¸z¶Ý¥Ç 2)ÜX1F:Ç¶Ý¥Ç 3)¥k"¤¶,º·jÂ

"X73¾£E¥œUÑFV¶Ý¥K4>

1=G¸A¤FV¤)¾¥X¥X="X"J¾_A¤ÜX1G¸A¤Ç©

=,ºA¥¥B="¸JÛp=e6¾¸731•

2=n¶?¸¥¥Ç¶È·¤"J¾¥¼Lx=E¥£¶X5†

1)¾¸.©PÇ©,ºA¥¥N"63=R£L¤¥&x0¶¤c0¶¤Ck.JJø

P=M 6731•

12º ¥¾ ¥¾A‹ 2018 c33L£¸¤+¤?¸p@#

L¼t>

H0ţ¶ê÷šMöt 40 ¥Ł3ìw?ÎH(®dª

G"B,Fł3EþPP.F1 305ł3EþPP.Ţ!W*<ÁÂ@#

3LĻ&PÐ¸ 2018 c33LĻþ÷ê?þÄ 9 > 19 22 @Ł•

?ÞÙ¼t>

=MU» LH46‹

c3EþPP.n¥<ÁÞ‰k*6B*K0*BcB€E

c33LĻþ÷ê?þ P@ŁH46Fe8 1990ª3EþP

P.ÔbwţPPC"ŁUBXKµJØ=e7P,ŁP+B÷

&þXFA !Ú=←≥§˜ ec33LĻþ÷ê?PPª

'n,ÎNÎţPŁ,Ł6&FH0,ê¥

FH,ê¥1,êB@ł9,ê§˜ ;Pe64ÀVC-.A¡7P6Š1^

6CţH.Ô®&8ţÐ?F ;Pe68T&§ CB,Ł,º

20ÐFH-.6§B6eD+=µÃBgëĉ3l FVP,$1¥ !

c3pæ6Š¥KÁÙ 2018 c33LĻþ÷ê?þ6

>

ÊÔëE Ÿ,?Â24F?ŒF=Ł9vÕK6ìÙ

3EŁr*<Áµ+uÉŁ¡LĆY1¢ÁŸ¤ÆÆÇ3EŁr*<

Áµ_PŁ63?L¢ÁŸŁ¢3EŁr*<ÁµŠL¢ÁŸ

1+Uç3EŁr*<Áµþ%EŁ¡¢ÁŸ¤ÆÆÊBĆ@ç<

Áµ€QLi LYC EµL¢ÁŸ¤ÆÆ)Æç3E¥.<Áµ€QLiEªJ0¶

63?L¢ .:ÁŸq*<)ÊŸ3ŁŸKµ)Æ3FP+ÞŁP.*<Áµ

TŢxç3ÈÞŁP.=¥K?Ł‰ç3pÐAŁ=n¥<

ÁŸbç2ÉP/tţ×c3pæÊz?L¢q*<4ý

Å8CM¢pPÁGŁţ(¯ (c3)Ëz?L¢ÁŸ¡.)

S3ËÊz1*<?L¢ÁŸq*<)Á#uŠuÈKŁM-ÞÐ

PP.Dc3pøAæqÔEÝQC+‹JAPH‡EÑ6

ŧWPN°"6ţpbŒLţ6w<Ø,&ï>

G-.©LN2=c3E÷.ÐN2=H&µ7P=H&Eª ÿP-.©

Þ2• 130 ØAæe@ŦLţª(?ù0ß6!WEÿPD

µ7P,Ñ6/Ô5EýU€,¥.JAÞg-4ºqţ‡QFUÐ4á

Eª‡"EœqEÐŒ1M;N+¹ÀØQç/Dµ=Eµ

Þ,Lł0% · ,Þ³>

p¾fpØ7PCç× 20 @~ç3EþP.Dc3FP+pæP..

FUp<P=0Á<P<atØŧWP>

FUpDE¶/ŧWP@"9&LŦUp63?Lţ=R„

FcìVAê?L† ¢MÞ315?LŧQ2ÝVAêlFVLªLţ=

#FPÑÁÞ63?Lţ="ÁMMFUp?Lţ=ÕUÞVł¢=#

"•PFUp?Lţ=R)EUp?Lţ1• 9 ÿPDª · ÐÿPF¾

¸¥W>

Á_pDE¶/ŧWP@ţFJ8ÿ730¶ (@#)63?Lţ=.)

Á_p?Lţ=aJ02K.pæ (<§)?Lţ=Eæ8ÿ730¶ (@#)?Lţ

.=@#JÕ63?Lţ=ðkp=@#Á_p?Lţ=@#ØB¶

?Lţ1• 9 ÿPDª · Ðµ 7PF¾>

http://www.mei.net.cn/jcj/201809/797784.html

13º 2300 6Ð.j6„ A 6Ñ(Ñ¯ -F¾ËÐ

´ 2018-10-16 RŒCX5Þ

Ł*8p,Á¸ A 6Ñ› 10 ÐÑÐB9¸ "à *e^ 10 > 11 10ÿ

Æ 2638 &Þ<à 12 H 2600 &ŧ@¦ 2606.91 &Ð» 3587.03 &Q&ï

(ADFt 27%,0L*FÙ¬¦CB9Ð.j 2016 &L¸ A 6@8¶

~)(· Ë

(· 1

2300 6Ð.j6„

880 66»ß

0L3VB¹A¸ A 6P¦L*:M=9B9³çF› 10

Ð5Æp%ö A 6Ø9³> 10 > 11 "¸à6t10Ø 2638

&QAF 4B¹ 12 H 2600 &¦6&¡ 2606.91 &E¹ 3587.03

&Q&(ADFt 27%,0L*¤6,è¸Ð.jÙÊP¦66×

ÙÆgç¸ 2300 66æ(D.j 2638 &¡&¡,6„

8) 10 > 14 Š¸Ê (2016 ª 1 > 27)Ð@8,º 751 6'¸8

2600 6ÆÄÆÙçç¸ 2300 6Æ6æ (10 > 12 l--)(5D.jÙ

Êr"C» 88.46%>

pÆè¸Pc 66æÄ 2638 &¡&¡-r,6¦H6P¸a¼ ¸FH = "•

JÕÕp = §¶3 = c3cEœ = 8Æ¸Ê 1• 220 6¸× 9.57%¹L¸L (179)=

0¥U(Ÿ (168]TUFT1EMB.69P685/MCTmD[7EM17.266D49BT1FTm1¦2[CCBB]]EEEE336607449411D7m4048136047

+k1• 27 ˆ66æEÊrDÇEý 80%ÇR55 =ˆ66E =y9Ÿ =*ST

FP =¼3VÈ =ÈPL4à =ŸP6è =c46 =B8Ç° 1• 848 ˆ66æEÊ

-r(3ß

(¯· 2

„6¥Q

Fty66×„ Ä 5 y

LÅvC¦66×D.jÜÊr¸ A 68p„66¦H0)(€»

Eý2016 ÊU„¦H>

8)-Ø6×^ 5 yA,6¦HA× 1027 ¨¸ 30.65%Ŧ6¦5

FC» 2016 Ê¥H> 2016 ª 1 > 27 Ø6×„Ä 5 y,6ØA× 293 ¸

"¬ô 10.46%>

!Ł¦»AÇ1¦Ø¦Ø6,Ø6×p 11.29

y /6¸:EÄ 2638 &ï,Ø6× 18.22 y /66B@6Ł¦Ł6 38.04%¦Ø¦A¸

-$ A 6„6¥ Á@¬6×Ł¦6HDA@E®v6,Ø¦i

L'{@EÊ‰Q>

<Ø¦-Ap¸Aê (90)=L (81)= ufÝ (71)=¢ÁA (68)=+k"JAê (65)

1Ø¦Pe„6,Ø¦·Lüf¸A¥C» 36.5%>

Ø6× H0¶ e"Ø-6×6,Ø*gÄpAÇ6¼1F#

Ø¦H0A¬P01F7Ø¦Ł¦ÅÄ 6 > 27 Ø¦epIF68pl¸

6¼ZCp *HØ8OLÊØp¸ *H0 6 > 27 Cθ)Ø¦e

EADÇ5# 9 ÚDF5Ø¦Ä 7 > 10 Ø6Ø¦6×75#A¬Ø¦Ü

Ø6× 8 > 7 ¸ *H0Q0(æ 0.68 y /6Ø¦4Ø¦Ü 0.77 y /6Ø¦p

A 68p@6Ø¦Ø6H0¶ ()e¥Ł))-Ø¦Ll!Ø¦HOÚ

v’ 0D5Ê

A 68p@,6F;" *ST Ø¦Ü =

r6,è<¹-$ A 68p@„6ÞHCÈÀÇP¸ A 68p@,8r

6⁄4Hª./EG¸¾8cqrÄ 20 õ y,6¸8A× 559 ¨¸ 16.68%Ç

8qrÄ 50 õ,6¸8A× 1544 ¨¸ 43.48%>

(¯· 3

.j6®Q(Q

¦HÔ 433

LÅv=¦,CB9ª@8®6×C¸Z„cD.j"66z,Ý6× (1¶&j6×)

¦HFF$ÞQ0(Q>

8) 10 > 14 ¸¾8 433 6›j6ÇEý 2005 ª 7 ›j6¦H (329

)Q0(Q¤6,è^ 2016 S¾Ê¸ A 6›j6¦Hp 68 Ç

gE®v¸j6¦Ê¸H,¶F 5.37 C>

g¸P›A¸ 28 ÷i=6 4¾c"¸P?.j6®)æuf¥¢Á=

pÆê®e.j66pLü„¾6¦H<ap 46 = 33 Â 30<¸a¨ 10.62%=

7.62%Â 6.93%¾L¸ K,> ="ÐEœVÈL=+k"JAê=ÉPFE¸Pe.j6,°

N¢Ç¸P;a,°j6¦H› 20 @>

¶6ø× *ST _P¢ = ¸Y0¶ = Ü3Cn = ÜEô = _¾6 = Ñ6¸Lü = ¸Ë

63 = E6Ý 1• 23 6®ãø›½ 0.6 CA¸j6Ü¾B„¸4é

K¸ÐEœ = ÉPK,> = H=Ã = Kµ5Ä = "$ÐEœ = ¸EK,> 1• 392 6›j6Ü¹

¸ Ä 1 C>

p¾Ü¢@F& 433 .j6é? 14 6Ñ 30 9¸p5¾

&¸Þ1L91•AªÆ4Ý¸ c3Lœ = $P¢ A= ¸Ì*Qæ 16®9Í 2 ì

@p¶L¾6¹

"ç3L6ÆF6è3Lé 4 p¶L¾Æ¸ ¾Ar¤ ¸p¸

-ÄU"¹J-r@Þ"¹JÑ¶1Þ"¸Ebr1ç3LæV5L2±AØ

?Q5*7QFUÔ¸B,A¢?o?QP¾' _)½ 1¸p==¸5*7¢

. 2018¾8) 2020¹6k<ap 0.48 y= 0.64 yÂ 0.8 y,¶N¥7*<-$- 8.16~9.60

y5*7A4Ý

(¯· 4

A 6‰Ä¢

F 6 F68,þÄ½ 30 C

fr›AĻLÅv=Þ9ª=6<g¸ A 68p,‰ÈF!A01ÇÛ¸Ä

2016 ŠÊG,ºj6BJ(:Ä¢

-$ A 6‰p 13.74 CÞMÄ¸ 2016 ŠÊG,,º 18 CÞ,‰

A 6‰Ä¢ 2005 ª 6 > (A 6‰ E p 18 C)= 2008 ª 10 > (A 6‰p

14 C)1Ä¢G,UF›gE@v5Ä¢,Þ9Ð-$ A 6‰

(0b:Ä¢GpL*/ÇÂÆG"j@=NÇ5¬FF!t)æ

LÅv A 6‰FF$A01"¸8cT8,þÄ½5Ä¢ÈF$ÊÞ)

10 > 14 "¸8c¸ $® A= ÐfÝ = ·6Š = ĻiJØ = ¼ = ;JØ

J÷= cÉÝ = 3Lɬe 1• 273 6%ÐÞ,þÄ½ 10 CÇ cÈ6Ý× = FP763 = ¬6×

3 = Li73 = !ÞÜ = ÞRD* = ĻiÍî 1• 1846 6%ÐÞ,þ½ 10 C ~30 CĻ*>

• geB*8)-¸8c¸ 2119 6%ÐÞ,þÄ½ 30 C¬Eô 59.67%>

P5M›A@F&8,þÄ½ 30 C,6«¸ c7P = JØ8 = %Lü 1• 3

6(9 2018 ªÎP5ÆepäŗÈ¼ÿÆ¨ 8.14 ÿ= 12.77

ÿÂ 9.59 ÿÞ"<aÊÿµ 272.42%= 28.21%Â 16.27%>

B,8 868 6ÐMh¼ 2018 ªÞ5NÞ5N8 677 ¬F

78%>

e¸ Ë = R · 6P = ÞRHp = 0638 = c8ÊÔ =3Lɬe ?(3XF‰ 1• 7

6?ËÆQEô 10 C@Ç ,6Ð3 = 9 · ICc = S!Ì = 6Û =

4Ø63 = 3QQæ = L4ÐJ = /Å"j# 1• 8 6ÑA?ËÆQÎæ

FUÊÞÆ"Ê 500%@!Ç¸ 0Ê¡í = ,9863 = P¢ = µ73ÆE =

Q5*¦ = æ3 = *ST €k = ¸ê 1• 120 6?ËÆQ61+>

http://finance.eastmoney.com/news/1374,20181015961334015.html

14º

´ 2018-10-17 ,ŧµ

Ž· ¾Ł¦ª"j€G3FK?@,Þ/ãe

K?@6‰,$Ê¤3FK?@,ª

22 /ãe

Ø?%t,¾ª¤Ø¾ª"j£¼ 20 /8 "¤e

^

jCÀ0¸ 20 /ª9¼b6¾LU=8T)$LU6D%6D%Ł/!X7´

ªNÇ¸ª¢FL¸6q¼K¸º Aª£Ø¾?µ

p.7j,±@$8o6"j¤ª¢Ø?(G,/%Ø!¤p¾TÉÍ

b€j¤¼MG3¤‰

20 /ª3e8 "¤Ł±¸ÊÂ¼%geb€

6¸©

ª"j®tÇ¼ 14(Fp@Ł?·,$8ª¼"j

«V5Ð,PQæ5¸KJª8"G¤Ø® 2010 L¤Ø

"j¤ª¢CF¼#Ç 2011 "¸j¤ª¢ª¤ÊÂA-.j6+U,º

@É@6Ç2012 "¸j¤ª¢Ê$8c¼w¸º¼Á@$8Ç-

ðJ¤Ej¤ª¢Ø¼

Þ

https://baijiahao.baidu.com/s?id=1613752319985831194&wfr=spider&for=pc

15°

´ 2018-09-10