

产业结构调整指导目录

2019

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

WDGS

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

1

2 60

3 30

4 60

5

6 30

7 30

8 500

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

1

2

3

4

5

6

7

8

9

10

11 5MW

12

13

14

15

16

1

2

3

4

MOX

5

6

7

8

9

10

11

12

13

1

2

3

4

5

6

7

8

9

10

1

2

-

3

4

5

TMCP

6

600

7

8

9

10

11

12

13

1

2

3

1

2

3

4

5

4

1

200mm

125mm

50mm

2

5

1

500MPa

80%IACS

650MPa

500MPa

2

3D

6

1

1000

2

3

75%

65%

70%

50%

1

2

3

4 10 /

A 15 /

20 /

5

6

7

VOCs

3 /

8

9

10 -
-

11 5 /

60%

	PTPE		TPEE	-
		SEPS		TPV
12				
13				
14		-		
			246	
			ODP	GWP
		ODS		PFOS
	PFOA			
15				
	49			55

16

17

1 2000 / 6000
/

2 150 /

1

/

12

3

/

A

4

1.62

5

6

6 8

/

9

5

/

9

20 /

7

8

99.999%

9

10 30 /

11

12

13

14

1

2

3

4

5

6

1

2

DCS

FCS

3

IO

PLC

512

4

5

X

6

CT

3.0

7

8

9

10

11

12

13

14

200

23

/

240

25

400°C

P4 P2

2

MW

5000

P5 P4

CT

1.2 /

RV

15 80

35

5

10

16 60

17 60

18 300MW

19 60

20

21 500 kV

22

23

2.5

2.0

24

/

10 / \sqrt{V}

3500

3D

25

26 180 2500kN 2000 750 /)

150 / 10

/ 2000kN 70 80 /

1.5° 10000kN

60000kN /

/ 1000kN

/ 800kN 240kN m 95 /

/

25mm 10000kN 4

/ 16000kN

12000 30000kN 8000 25000kN

6000 16000kN

12000kN 14 18 /

1100mm 500mm 1000mm/s

1000mm/s 6

30600kN

12 / 6 8 /

15MN 10mm 80mm

			63kN/mm	
±0.5mm			0.2%	
		200MN	16000T	4000T
	3000mm		5000mm×5000mm	
10MPa		6000L	4300L	
	630	22000kN		630
22000kN		100 /	1.6kg	
27		40		50

28			200MN C* > ; ÎÃ I J45€—h~ ° Ò
100°C			17
26.7°C	73.9°C		

130 / · W/m K

30

31

2500

1400

0.02 ,

0.05

32

1

500

33

7.0 /

2.0

34

35

AGV

36 500 / 1000
/
37 18MW 1200 260
/
3000 /
38 750
16000 / 13000 /
787 7 / 0.1
75000 /
150000 / 0.1
1300 400 /
250 /
300 / 0.1
150 / 600dpi
30 / 1000dpi
100 / 300dpi CTP

35 / 750 0.01
3000dpi 10000 /

0.05

39 100

2

3

50

40

40 100

40

41 100

ABS

42

350

3 5

20 30

12 22

20 30

12 22

43

6 /

4

44

3 6

4

147

10 60

3

35 160

2

35

58

18%

7%)

44

1500 /

5 20

1500

60%

45

300

2000				1	/
	46		30		6
		320		6	
					600
				400	
	100			25	
					1000
/			100		1
		75		220	
			9		1
			8		3
40		8			90
					/
		400			2000
		400			
			25		
47					
48					
		8000	12000	5000	7000
3000	4000			III B	IV
					V

49

ODP 0 GWP

50 12000

51

52

1000

1000

0.4 /

30

3000 / 0.35 /

60 1000 30 5000 0.4

/ 30 60 /

1.4 /

60 / 1.2

200 6800

600 85000

53

54

100 2500

/

55

SDA +SCR

<10 /

VOCs

VOCs

56

90%

COD

90%

0.09~0.098

0.2 ~20

57

20%

95%

50 /

80%

100 /

90%

50%

70%

150 /

70%

20 /

58

59

60

61

62

63

1

2

AFC

3

[

ATS

ATP

ATO]

4

IGCT IGBT SiC

GIS

5

6

7

8

FAO

TACS

9

25kV

10

1

LED

C-EPS

R-EPS

DCT

AMT 7

7

AT

CVT

55%

2

GB/T 20564

GB/T 34566

3D

980MPa

20

50GPa%

3

300Wh/kg

1800

180mAh/g

2000

80%

500mAh/g

2000

80%

35% 60%

MD 800kgf/cm²,TD 800kgf/cm²

85%

80%

DC/DC

100V 400V

IGBT

750V

300A

350W/kg

3kW/L)

(0.3g/kW)

(

0.08S/cm

1.2mm

1.6mm

DC/DC 70MPa

32

2 180MHz
ASIL C
2.5kW/kg 12000rpm
75dB
4 95%
250V 950V
88%
5 ECU
TCU ABS ASR
ESC OBD
LKA
AEBS EBS
6
7

1

2 10

1.5

5000

IMO II

2000

3000

LNG

3

1

4

5 120

1500

1500

15

FPSO 1500

		SPAR	TLP
LNG-FPSO	1500		1500
	5		
		FSRU	
			10000
6	FPSO		
7			
8			
9			

10

11

12

13

14

15

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

1 30 /

10 /

10 /

10 /

ECF

TCF

2

3

4

200

5

6

7

8

9

10

11

PET

PVA

OPS

12

UV

13

/

14

21			
NOx	1200mg/m ³		
DCS			
22		1.0	
23			
24			
25			
26			
27			
28			
			400
	1.5		200

2

200

2

300

2

29

8000

30

31

32

1

PET

[

CDP ECDP

COPET

HSPET

]

2		PTT		PEN
		PBT		PBS
		PCT		
3				
Lyocell			PLA	
		PHA		
4			[CF
	4200MPa		AF	PSA
		UHMWPE		300
/		40cN/dtex		1800cN/dtex
	PPS	PI		PTFE
	PBO		POD	BF
	SiCF		PEEK	
HT-AR	2,5-	-1,4-		

6

7

8

9

10

11

12

PVA

13

1

2

3

4

5

6

7

8

9

10

11

BIM

12

13

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

GIS

CIM

1

2

3

4

5

6 7200

6000

200

3000

7

IGCT IGBT

8 200

9

10

11

12

13

14 GSM-R

15 LTE-R

16

17 300

18

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

2

3

4

5

6

7

1

2

3

4

5

6

7

8

1 2.5GB/s

2 155MB/s

3

4

5 NB-IoT

eMTC

6

7

8

9 IP

10 IPv6

11

12

13 32

14 10GB/s

15

16

17

18

19

0.8

BGA

PGA

CSP

MCM)

LGA

SIP

FC

WLP

MEMS

20

21

22

23

24

DCS

PLC

SCADA

APC

MES

CAD

CAE

CAPP

PLM

APP

EMS

BIM

25

26

27

OLED

LCD TFT-LCD

3D

28

29

30

31

32

33

34

35

36

37

38

39

40

41

	TFT-LCD	LED
OLED		3D

42

43

44

45

46

47

48
230MHz
LTE-V2X

TDD

49
50
51

65kWh/kg

22.5%

21.5%

17%

18%

1

2

3

4

5

600mm×400mm

6

7
8
9
10

1
2
3

4
5
6
7
8
9
10

11
12
13
14

REITs

1

2

IT

3

4

5

6

7

8

9

10

11

12

13

APP

(SaaS)

PaaS IaaS

14

15

16

1

2

3

4

5

6

7

8

1

2

3

4

5

6

7

8

9

1

2

1

2

3

4

5

6

1

2

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11

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17

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12

13

14

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10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

4000

95%

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

1

2

3

4

5

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7

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39

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41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

3

4

5

6

7

3

5

1.1

5

6

5

5

1

2

3

4

5

6

7

3

4

VR

AR

5

6

7

8

9

10

11

12

13

14

15

1

2

5

/

3 3 /

4 1000 /

5 / /

6

7

8

9 1 /

10

11

12

13

14

15

16

1 30 /

120

/ 60 / 90 /

2
3
4
5
6

2

2014

1 300 /
305 /

2

1 1000 / 150 /
100 / 150 /

2 80 / 13 /

100 / 20 / 20
/ 10 /

30 /

CO₂ 20% 100 /

/

300 /

3 7 /

20 /

30 /

10

/

20 /

- -

ABS 3 /

-

4

30 /

100ppb

20 /

5 /

5

6

3 /

1 /

100%

5 /

2 /

7

8

9

10

1 /

TGIC

11

12

HF

20 /

10 /

10 /

10 /

PFOA

SF6

13

3

/

TMTD

1

VCD

1

2 180

3

400

1200

1200

4

30

100

100

5

30

100

50

100

50

6	1450				
7	30	/			
8	20	/			
9					
10					
11	600		2	/	
12	8	/			2 /
	4	/			
13	120	/			
14			<6.0		<5.5
100	/				<35
	<100	/	<60	/	

18 1.65

1.65

9000 /

19 2×2.5

<2×1.25

2×2.5

8500 /

12000 /

2600 /

4200 /

3200 /

4800 /

20

10000 /

30000 /

21

1

1

30

2 10 /

3

4 5 /

5 10 /

6

7 10 /

8 5 /

2 /

9

1 200 50%

2 300

3 200

4 1500 /

5 300 100

6 30

7

1 2000 /

60 /

2 150 /

3 60 /

4 3000 /

5 8 /

6

7 15 /

5 /

15 /

5

/

8 15 /

9 6000 /

10 30000 /

8000 /

11 100 /

12

PCCP

PCCP-L

50

PCCP-E

30

1

C

B1

B2

B12

E

2

6-

6-APA

7-

7-ACA

7-

-3-

7-ADCA

V

c

3

4

5

6

2 /

1 2

2

3 3

4 2.5

5 3.5

6 40

7 700

8 800

9 3.5

10

11

12

13

14 30

15 6

16

17 6300

18

19

20

21 450 40 /

22 400

23 P0 60

24 220

25 220

26

27

28 8.8

29

560

1.25

30

31 56

32 10

33 5 /

34 SF6

35

36

37

38

39

40 /

41

42

43

44

45

46

47

48

20 /

3 /

49

50 Y IP44

80 355

Y2 IP54

63 355

51

52

53

54

55

56

57

1

2 20

10

3 HCFCs

XPS

4 PVC

5

6 4000 /

5000 /

7 1/3000 15

5/1000

1/1000 50

1/400 8

8 1/3000 300

1/3000 150

1/500 150

9

10 3 /

11

12

13

14

15 1.6 /

16 100 / 60

/

17

18 30 / 10 /

10 /
 19 5000 3000
 3000
 20
 21
 22
 200
 100
 100
 23 45 98%
 1
 24 15 1 15
 1000
 25 3000 /
 26 2000
 27
 28
 29
 30 5
 31 10 / 20 /

1	20	/	PET
2			DMT
3			
4			
5		1200	
6			
7	1000	/	2
8	25	/	
9	200	/	
10	5	/	
11	FA502	FA503	
12	600	/	700 /
		900 /	
13		PVA	
14		20	
15			
16			

17

18

1

1

2

3

4

5

1.1

5

6

1.1

9

7

5

1

40

55

70

200

70

2

1

2

3

200

5
3
4
5
6 4
7
8

AT

31

2020 12 31

2020 12

1

2

3

4

5

6

7

1

2

30 /

30 /

15 /

15 /

9

/ 9 /

30 /

30 /

30 /

30

/

3

3%

40%

4 6AM -2.5 PA-3

5 PB2 PB3 PB4

6 PG-27

7 X-1

8 ZYZ ZY3

9

10

1 30

1 200 /

2.5 /

5 /

2 10 /

3 5000 /

3000 /

1 /

12500

6.5%

4 1 /

0.5 /

0.5 /

3 /

5000 /

5000 /

5 0.3 /

100% 1 /

1.5 /

2 /

10 /

0.3 /

2 /

1.5 /

6

7

1

8

100 /

4,4-

-

[DSD] 2-

-4-

-5-

[CLT] 1-

-8-

-3,6-

[H]

9 50 /

1.5 /

3 /

N-

1,2-

-2-

NOBS

D

10

CFCs

HCFCs

1,1,1-

CTC

CTC

PFOA

1

7.5 /

2		4.3	3.8
3			
4			
5		90	8
		24	
6	400		2020
450		200	
		100	200
100			
7			
8	30		2020
	40		
9	30		
10			
11			
12			

13

14

15

16

17

18 76

19

20

21

22 6300

3000

23

10000

24 1

25

26

27

28 5

29
30
31 6000
170
32 40 /

33

34

35 18
36 30

1

2

3

4 160kA

5

6

7

8

9

10

11 1 /

12

13

14

15 -

16

17 50

18 4

19

20

21

22

23 20000 / REO

5000

REO /

500

REO

/

24 2000 REO /

25 1500 / 5000A

85%

26 2032 8 16

1

2

3

4 50

5

1

2 3

3

4

5 100 / 20 /

6

7
8
9 1000 /
10 500 /
500 /
100 /
11
12 2020 12 31
13
14 SJ1580-3000
15 SQP400500 Tf1 0 0 1 223.73 425.23 Tm0C40D7C BT1 0 0 1 213.41 86.22

25

26

1

2

3 GMP

4

5

6

7

8 CFCs

1

2

3 TQ60 TQ80

4 QT16 QT20 QT25

5 KJ1600/1220

6 3000

7 4000

8 3000

9

10 CFCs

11

12

13

14

15

16

17 /

18

19

20

21

22

23 0.25

24

1

2 90 120

1 10 / 20 /

30 /

2

3 2 /

4 0.025

5 5 3

6 300 /

7

8

9 5.1 /

10 3.4 /

11 1 /

12 1.76 120 /

13 2 80 /

14 CFCs

15 CFCs

16 CTC

17 CFC-113 TCA

18

19

20

21

22 150 / 250

23 20

200 /

24 3 /

25 5 /

26

27 15 97%

28

29

30

31

32

33

34

1 30

2 1000 80

400 160

200

3 ZD647 ZD721 D101A ZD681

DJ561 K251 K251A

4 Z114

5 GE186

6 Z261

7 74

8

9 R531

10 4 /

11

12 DMF

13

14 PET

15 900

16 15 20

17 15 1 10

18

19

L

20 90mm 2000 /

1

2

3

4 ZD201 ZD301

5 TH1 ZT102

6 ZDK101
7 KMD101
8 AZP502 ZSY101
TZP101 ZZP101
9 QY401 2QY404 QYSH401 2QY401
DY401
10 YX01 YX02 YX03 HX01 HX02
HX03 HX04
11 PZB401 YZB02 YZB03

19 TY4201

20 TT201 TZ201 DT201

21 TT202

TT402 TT403

TT405 DT402

TZ202

TZ401 TZS401 DT401

22 TR801

23 LP1101 LP1103

LP1201

LP4201

24 LSB201 880×1230

LS201 LS204 787×1092

25 LB203 LB205 LB403

LB2405

LB4405

LBS201

26 K.M.T

PH-5

27

DIA PRESS

28 1985

29

30 J1101

5000

31	J2101	PZ1920	4000
		PZ1615	4000
		YPS1920	4000

32	W1101	AJ401
----	-------	-------

33	DJ01	PRD-01	PRD-02
	DBT-01		

34

35	QZ101	QZ201	QZ301	QZ401
----	-------	-------	-------	-------

36	MD103A
----	--------

1

2

3

4

5

6

7

8

9

10

11

12

GB14470.2

13

130°C

14

24 10000

1

1

2

3

4

5

6

7

8

9

10

1

2

3

4

5

6

1

O/W

-

106 107

/

2

5

203

10%

6

-

-

7

V

1 G60 G17

2 P62

3 K13

4 U60

5 N16 N17

6 L17

7 C62A C62B

8 40

1

2

3 HRB335 HPB235

4

1

1 GRC

2

3 25A

4 S-2

5 8

6

7

8

0.5mm

S

9

1

2

3

4

5

PVC

1 T100 T100A

2 ZP-II ZP-III

3 WP-3

4 0.35

5

6 -40

7	1.98					
8	CER					
9		LL-2	LB-3	EU-2	EA-2	CK
10		BA	BA2	G		
11	DDZ-I					
12	GGP-01A					
13	BLR-31					
14	WFT-081					
15	WDH-1E	WDH-2E			PY5	
16	BC			LCH-511	YCH-211	LCH-311
	YCH-311	LCH-211	YCH-511			
17	EWC-01A					
18	XQWA					
19	ZL3	X-Y				
20	DBU-521	DBU-521C				
21	YB	63	355mm,		660V	
YBF		63	160mm		380 660V	380/660V
YBK		100	355mm		380/660V	660/1140V
22	DZ10			DW10		
23	CJ8					
24	QC10	QC12	QC8			

25 JR0 JR9 JR14 JR15 JR16-A B C D

26

27 GGW

28 B BA

29 F

30 JD

31 KDON-3200/3200

KDON-1500/1500

KDON-1500/1500

KDON-6000/6600

32 3W-0.9/7

33 C620 CA630

34 C616 C618 C630 C640 C650

35 X920

36 B665 B665A B665-1

37 D6165 D6185

38 D5540

39 J53-400 J53-630 J53-1000

40 Q11-1.6×1600

41 Q51

42 TD62

43 3

44 A571

45 DS3-10 DS3-30 DS3-50 1000 3000 5000A
DS10-10 DS10-20 DS10-30 1000 2000 3000A

46 SX

47 DD1 DD5 DD5-2 DD5-6 DD9 DD10
DD12 DD14 DD15 DD17 DD20 DD28

48 SL7-30/10 SL7-1600/10 S7-30/10 S7-1600/10

49 HD6 HD3-100 HD3-200 HD3-400 HD3-600
HD3-1000 HD3-1500

50 GC DG270-140 DG500-140 DG375-185

51 S15H-16 S19-16 S19-16C S49H-16
S49-16C S19H-40 S49H-40 S19H-64 S49H-64

52

53 L-10/8 L-10/7

54 8-18 9-27

55 X52 X62W 320×150

56 J31-250

57 TD60 TD62 TD72

58 E135 2 4 6 4146

59 TY1100

60 165

61

62

63

64

65

KJ

JKA

XKT

JTK

TKD

66 10

67

1

2

3

4

1

2

3

4

5 0.002%

6 0.1%

7

8

9

10

11

12

13

14

15

16

2020 12 31

2020 12 31

2022 12 31

0.025

0.01

17							1
	500			3.5		2	
500		1500			5		3
	1500			13		2020 ²	12 31

18

25 HCFC-141b

26

1 1211

2 1301

3 1211

4 1211

5 1211

6

7

8 1301

9 1301

10 1301

11 1211

12 1211

13 1211

14 1301

15 1301

16 1301

17 PVC

1

2

3

4

1 59 69 72 TF-3

2 ZH15

3