

1		0 3000g ±0.1 0.5	30min 10% 50 120kPa 0.001MPa	GB/T23250 AQ1080 MT393 MT/T856 MT/T752
2		±4% K1 K1 h2 30s	0 50L/min 0 1.0 0 0.4MPa 0 10kPa ±1.5%F.S 10Pa	MA
3		CH ₄ ±7%	1.5 20 200kPa -10 50 CO 0 1000ppm 0% 100%CH ₄ 0.01% 1.00% CH ₄ ±0.07% 1.00% 100%	MT 1035 AQ 6211 MT/T 1126 MT/T 642
4		0.05μV/m 300kHz 250m	200m 80m 0.3m 7m 100m	MT/T693 MT/T898 MT470 MT471 MT/T1145 MA

10		±15%		97%	1000Pa	0.75m ³ /min	0.1	1000mg/m ³	GB/T20964 GB/T15187 MT/T1102 MT159 MT503 MT505
		1s	2s	4.0MPa	200	120	550m ³ /min	90%	
			85%						
11				CO CO ₂ CH ₄ C ₂ H ₄ C ₂ H ₆ C ₂ H ₂ N ₂ O ₂					MT/T757 GB16280 AQ1079
		2min		15m ³	1ms		8	4	
12			0.5m					99%	MA
			±0.05%						
13			X						MT872 MA
			1m						
				1s		400kN			
14					400m				MT401 MT/T1115 MA
						10km			
				5					
							10km		

15		100m ³ /min	-81kPa	4000Nm	400m	MT/T790 JB/T7255 AQ1079 GB/T18154 MT/T987 MA
		50m ³ /min	-81kPa			
		50MPa		2.0m		
16		220m	160m ³ /h	5m		JB/T6762 MT/T671 MT/T1128
					2s	
17		1500kW				GB9237 MT/T1136
18					“ ”	MT/T1114
19		150m	2cm	250 /s	IP65	CHZ3017
20		2mm	2km			GB/T27663
21		1 10 min	IP65	4km	0.1mm	SJ2584
22				100m		Q/CR9217
23		8	200J	10m	250m	AQ2031
24		5mm	IP67			GB51108
25		5m	40%	25	1.8m	JB/T10844

26		50 kW	30km/h	10
27		70%	15MPa	100m ³ /h
28		CO O ₂ NO ₂ SO ₂ H ₂ S Cl ₂ NH ₃		
29		180mm	35MPa	
			10000psi	API
30		5s	4	200Nm ³ /h
		8	20min	0% 21%
				30s
				0% 100%
31		34MPa		
32		0.14MPa	6%	1.3mg/L
33				
34		0.001MPa	2%	

35	400m ³ /h 710m ³ /h Class150 400 600	1.9 MPa 7.9 MPa 8.4 MPa RTJ	6 8 10 820m ³ /h 1500m ³ /h L415 20#	API Std526 API Std527 API RP520 API RP521
36	i Smart-TMS			GB50160

30kV 500pF/30kV 4mm
 0.4kV 50kV 5% 5kΩ/168kΩ \$
 30min 5% Q3-V Φ3.0mm
 QB/T1941.4

		FCW	100 m	ISO15623
		30km/h		
		AEB	100 m	ISO 22839
		30km/h		
		EBS		GB7258
		15m	1km/h	
		20s	1min	
		60s	100	5s
				30m
		LDW)		
		90%	0.8m	
		ESC	32~64km/h	J-
				1km
47		THDS	5 160km/h	3 10 ⁻⁶
		3 10 ⁻⁵	60%	10 min
		3min	-40 60	95%
				85%
				Q/CR319

		<p>5 250 140 160 km/h</p> <p>3 10⁻⁵</p> <p>640 480 50 /s</p> <p>-40 70</p> <p>2min/</p> <p>1s</p> <p>3 10⁻⁶</p> <p>2s</p>		<p>Q/CR351 TJ/CL255A TJ/CL255</p> <p>TJ/CL399 TJ/CL401</p>
		<p>TPDS</p> <p>30 120 km/h</p> <p>9.0 m</p> <p>5 40 60km/h</p> <p>3%</p> <p>30t</p> <p>6.0 m</p> <p>4.8m</p> <p>40km/h</p> <p>1% 60km/h</p> <p>3%</p> <p>95%</p> <p>99.9%</p> <p>30 350 km/h</p> <p>30 160 km/h</p>		<p>Q/CR349 TJ/CL 438</p>
		<p>8 12 km/h</p> <p>0.2mm</p> <p>0.2mm QR</p> <p>0.2mm</p> <p>5mm</p> <p>0.4mm</p> <p>0.5mm</p> <p>40mm</p> <p>0.6mm</p> <p>60mm 100mm</p> <p>30mm</p>		<p>TJ/CL256 TJ/CL405</p>
		<p>TADS</p> <p>97%</p> <p>(FTP)</p> <p>3</p> <p>9600bit/s</p> <p>CCITT</p> <p>30 110km/h</p>		<p>Q/CR350</p>
48		<p>80km/h</p> <p>8mm</p> <p>10mm 15mm</p>	<p>0.8mm</p> <p>5.6mm</p> <p>8mm</p>	<p>GB/T 28426</p>
		<p>15 350km/h</p>		<p>TJ/GW126</p>
		<p>160km/h</p> <p>0.1mm 0.2mm</p> <p>1m 2m 3m 5m</p>		<p>TJ/GW127</p>

55	ECDIS	AIS GNSS	AIS GNSS		IHO S52 IHO S57 IHO S61 IHO S63 IHO S64 IEC IMO MSC CJ52 CJ57 CJ58 CJ63		
56		EPIRB	406MHz	21.5MHz/243MHz	GMDSS	2000 944 IMO IEC	
		AIS	161.975MHz 162.025MHz	GPS	GMDSS	SOTDMA	GB/T 20068 ITU/R M.1371-5
		AIS	161.975MHz 162.025MHz	GPS	GMDSS	SOTDMA	IEC 62320-2 ITU/R M.1371-5
57	ESD					GB/T24918 GB/T22653 JB/T9094	
			DCS			SHB-Z06	
58		FAR23	473581/473581-1/473583/ 473583-1/473583-3/473583-2/473582/474188-1/474189-1/474190-1/473597-5/473955-1/475571-2/ 902864/PU90-499R3/902018-01/PU90-471WR1/2119835-6/2119835-7/PPA1103-00/PPA1204-00/ PPC1100-00/PPC1200-00/RAI2800M0706/GPA1102-00/GPA1103-00/PPA1203-00/PPA1204-00/ PPA2100-00/PPA2101-00/RAI2811M0106/FSD9480-00/GMC1102-02/PMC1102-02/PMC1103-03/ 474449-5/7011200H01/504643-9/8920-10/904653-10/904655-10/904656-10/474435/474436/474437/ 474438/474439/474443-2/8918-01/8919-01/472583/472584/5421-14/904807-03/(3601-155-565/19) APU 901950-02 35008-307/20-035008-300 69-37307-300/69-37307-153/411000-001 325-027-302-0/325-027-303-0/ 325-027-402-0/325-027-403-0/325-027-404-0/325-027-505-0 474443-2		FAR23		

59		822-2556-102/701-10300-00/710100-2/500644-6/288E5733-00/822-1785-401/7516118-X7145/ 822-2909-050/RD-NB2501-01/RD-NB2111-02/RD-KA1003-04/RD-AA903194-02/RD-AA903194-01/ RD-AA903463-01 82158A31-000/822-2558-101/418E5733-00 82155D33-032/822-2556-102/ 228E5733-00/7516100-20050/7516118-27010/82155D33-032/7516118-27010/822-2023-101/822-3057-101/ 883E5910-04/7516118-47145/7516118-47141/7516118-27140/7516118-27020/822-1785-402/822-1785-401/ 7520061-34010/7520061-34016/7520000-20140/710617-2/7520033-901 MODREF472285/804-10-0015/ 002W0129-3/002W0129-4/002W0129-3/100-602198-001/M0DREF376715/M0DREF418185/M0DREF457619/ 513738-513/284W3009-1/284W3009-2/866-5015-101/009E5733-00/4141-89-99	Annex10	10 ICAO
60		7517800-10004/7517800-11005/7517800-11006/7517800-11009/822-1338-002/ 822-1338-003/066-01127-1601/066-01127-1602/822-1338-005/822-1338-205/822-1338-225 /066-01127-1402/066-01127-1101/066-01212-0101/9008000-10000/822-1338-205/066-01212-0301/ 066-01212-0101/7517800-12401/822-2120-101/822-2911-002/822-1293-332/822-1338-021/ 066-01127-1402/9005000-10204/7517800-12401/7517800-10100/822-1821-002/69001757-000/822-1821-430	Annex10	10 ICAO
61		1605-01-00/1605-00-00/866-0084-102/866-0084-101 980-6020-001/980-6022-001/980-6032-001/ 980-6032-001/980-6032-023/980-6032-020/2100-1020-00/2100-1925-22/2100-1020-02/2100-1025-22/ 2100-1226-02/2100-1025-02/2100-1227-02 980-4700-042/980-4750-003/980-4750-002/980-4750-009/ 980-4700-003/2100-4043-00/2100-4945-22/2100-4045-22/2100-4245-00/2100-4045-00 2243800-73/ 2243800-364 HL2.776.036/800-180-001/800-180-002/01-830-180-010/880-180-600-002		FAR 23/31
62		810503-10 2915-5/733474-3-5 233W 233N 69 233A 003CM00-0200 233N3204-1019 3215618-5/3215618-4/3215618-3 67-2906-002 7011101H02	C24	FAA TSO-C13

		0871HT3/0871DL6/1001844-3/0871DP5-1/0877B1		
		83000-05605/83000-05604ATS/83000-27901/S283T007-3/ 785897-2/785897-3/624066-3/624066-5/774767-1-1 7002576H02		
63		8700 80 1030MHz 1030MHz 6 6 1200 RA TA 1200 6 RA TA TA RA TAU CPA 9005000-11203/ 066-50000-2220/066-50000-2221/940-0300-001/066-50008-0405/4066010-910/4066010-913/622-8971-022/ 622-8971-522/822-1293-003/7517900-10004/7517900-10020/9003500-10903/7517900-10006/7517900-10012/ 7517900-55003/822-1293-002/822-2911-001/9003500-10905/9003500-55905/940-0351-001/965-1694-001/ 822-2120-101/071-50001-8104/7514081-911/7514081-912/071-50001-8107/673Z5011-4106/673Z5011-4108/ 822-0020-101/673Z5011-8107/673Z5011-4105/622-8973-001/7514081-901/071-50001-8102/7514081-903/ G6990-4		FAA TSO-C13 C38 C39
64		FAA TSO-C13 C16 965-1690-052/965-1690-055/ BCREF78944/69000940-102/69000940-104/69000940-106/BCREF17394/BCREF49033/BCREF50601/ BCREF68842/69000940-101/822-2120-101/965-1676-001/965-1676-002/965-1676-003/9650976003206/ 69000942-151/965-1676-006/522-2998-011/7028419-1904/9000000-11111/965-1694-001		FAA TSO-C13 C16
65		350E053021212/350E053021414/350E053021717/350E053021818/350E053021919/ 65-54499-18/69-78214-1/39-78214-3/69-78214-4/285W0015-101/285W0015-102/LA2E20202T30000/ LA2E20202T40000/LA2E20202T50000/LA2E20202T70000		FAR 31

66	FTIS	European Interim policy 25/12 USA SFAR 88 12 2050067-101/2030157-102/2060017-102/2060017-103/PPC1200-00/7012014H05/ 2060032-101/ 2040025-104/2040025-105/2040025-106/ 2040061-103/ 2341924-2/7012011H01/ 2341926-2/ 3291828-1/ 3522W000-001/7012040H01/2040081-101/ 2040029-104/ 2040031-102/3957A0000-02/ 367-359-005/ 3958A0000-01/ NGS 2741686-1/ 2342176-1/				European Interim policy 25/12 USA SFAR 88 FAA-2005-22997-5 EASA ED Decision 2014/024/R	
67	SF ₆	SF ₆ 50 5000ppm 1000ppm 5% F·S O ₂ 1% 25% 18% 1% F·S 19.6% SF ₆ 1000ppm 15min			SF ₆	GB/T8905 DL/T 846.6	
68		55 140 40s				GB 14287.3 GB 50116 GB 50166	
69		100kg 0.2m T				DL/T 1147	
70		10 1000kV 800kV 100kg 200kg				DL/T 1209	
71		10 110kV 200kg 2 60dB(V/(m/s)) 40dB(V/(m/s))				GB/T 9465 GB/T 18037 DL/T 972	
72		SF ₆					

73		5	1.2m	30mm	80mm
			5.4m	7m	
		110m		2m	1/2
				2.8m	1/4
				5mm	
		1			
		80mm	150mm		
		25mm		40mm	670kN
			30mm	5%	
74					
			2	2	
		15%	30%		
75			v 0.65m/s	0.15 1.40m	0.65m/s v 1.00m/s
			0.25 1.60m	1.00m/s v 1.33m/s	0.35 1.80m
			1.33m/s	0.55 2.00m	
			90%	110%	
		7000			
					JGJ202 JGJ59 JGJ130
					JGJ202 JGJ59 JGJ 195
					GB 26557 GB/T 10054 GB/T 10055 TSG Q7008 JG 121

76		8		200mm	GB19155 JGJ202 JGJ59
77		90%	100%	110%	GB/T 5031 GB 12602 GB/T 3811 GB/T 28264
		-20 60	48h	16000	5%
78		1.1m	0.3 0.5m	1.1m	0.5m
			0.15m		GB/T27547 JCJ202
79					GA 124
		1h	21%	1h	21%
		1%	38		MT86 GA632
				NBC	GB/T2892
		5			

		60 L/min	MA 350g	1.2 1.6L/min 20MPa	196Pa 200 400Pa	45	MT711
							GB6220 GA1261
80				70h			GB10257
81		220mm	120km/h		30%		GB50313 QC/T457 GA14
							GB7956.1 GB7956.2 GB7956.3 GA39
82							GB7956.1 GB7956.12
		/	/				GB7956.1 GA39

				GB7956.1 GB7956.14 GA39
				GB7956.1 GA39

GB7956.1 GA39 G7 56.1 56.1

		0.7m 0.7m 300kg	3.0m 2.0m 4 4 6 4	8.0m 2.0m 300kW 4500mm	
				ICAO Doc9137-AN898 MH/T7002 NFPA 414 FAA No.150/5220	
84	()	200	500kW	GB/T 21225 GB 50052 GB/T 2819	
85		10	200m /h	98% 1 1,000,000cSt	JT/T 863
		3kn	400mm	55kN 1.8m 15m/s	JT/T465
		15m/s	1000 3kn	800mm 80kN 1.8m	JT/T465
		150mm	18kN	10 10%	JT/T 864
86		PN10MPa DN1200mm		GB/T 28055 SY/T 6150.1 SY 6554	
		PN10MPa DN1200mm			
		PN10MPa DN1200mm			
		PN10MPa DN1200mm			

87		<p>600mm 500m</p> <p>60kg 100m 75mm</p> <p>10m 100° ±20cm</p> <p>1 4m 100kN 400kN</p> <p>30 4</p> <p>20km</p> <p>±5m</p>		MT/T1129 MA
88				
89				