

**General Specification for Air-Conditioning, Refrigeration, Ventilation and
Central Monitoring & Control System Installation in Government
Buildings of the Hong Kong Special Administrative Region
(2017 Edition)**

The 2017 edition of the General Specification for Air-Conditioning, Refrigeration, Ventilation and Central Monitoring & Control System Installation has incorporated updates and revisions to the 2012 edition (incorporating Corrigendum No. GSAC02-2012). Please refer to the summary of major changes for the updates and revisions involved.

Electronic version of this 2017 edition can be viewed on the ArchSD Internet website.

In view of the updates and revisions, there will be an introductory period of 6 months in preparation for full implementation of this 2017 edition as contract document by 1 October 2017. In summary,

- For tenders to be invited on or after 1 October 2017, this 2017 edition shall be used.
- Existing contracts (including contracts using previous editions tendered before 1 October 2017) will not be affected.

**MAJOR CHANGES IN THE GENERAL SPECIFICATION FOR AIR-CONDITIONING, REFRIGERATION,
VENTILATION AND CENTRAL MONITORING & CONTROL SYSTEM INSTALLATION
IN GOVERNMENT BUILDINGS OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION
2017 EDITION**

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
PREFACE		
-	-	2 nd para. add “.....General Specification puts emphasis”
TABLE OF CONTENTS		
A3.11	A3.14	Re-arrange clause no.
A3.12	A3.15	Re-arrange clause no.
A3.13	A3.11	Replace “Labels and Related Instruction” by “Label”
-	A3.12	Add a new clause
-	A3.13	Add a new clause
A3.14 to A3.16	A3.16 to A3.18	Re-arrange clause no.
A3.17	-	Delete original clause no.
B3.8	B3.8	Replace “In line centrifugal and mixed flow fans” by “Mixed flow fans”
-	B3.13	Add “In-line Centrifugal Fans”
-	B3.14	Add “EC Plug Fans”
-	B3.15	Add “Jet Fans”

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
-	B3.16	Add “Conducting Fans
B3.13	B3.17	Re-arrange clause no.
B3.14	B3.18	Re-arrange clause no.
B3.15	B3.19	Re-arrange clause no.
-	B10.12	Add a new clause no.
C3.8	C3.8	Replace “In line centrifugal and mixed flow fans” by “Mixed flow fans”
-	C3.13	Add “In-line Centrifugal Fans”
-	C3.14	Add “EC Plug Fans”
-	C3.15	Add “Jet Fans”
-	C3.16	Add “Conducting Fans”
C3.13	C3.17	Re-arrange clause no.
C3.14	C3.18	Re-arrange clause no.
C3.15	C3.19	Re-arrange clause no.
C3.16	C3.20	Re-arrange clause no.
C3.17	C3.21	Re-arrange clause no.
C3.18	C3.22	Re-arrange clause no.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
C12.4	C12.4	Replace “Casing” by “Casing of Condensing Unit”
C13.2	-	Delete original clause
C13.14	C13.13	Replace “Sea Water Strainers and Travelling Band Screens” by “Auto Strainers”
C13.3 to C3.16	C13.2 to C3.15	Re-arrange clause nos.
PART H	PART H	General revision. Re-arrange clause nos.
PART I	PART I	General revision.
PART A		
SECTION A1		
A1.3	A1.3	<ul style="list-style-type: none"> - The definition of “Architect”, “GSA” and “Guide Drawings” are deleted. - The definition of “Conditions” is rephrased. - The definition of “Proprietary brand name materials or products” is rephrased. - Add the definition of “EPD”. - The definition of “HVCA” is replaced by “B&ES”. - The definition of “IEE” is replaced by “IET”. - The definition of “Supervising Officer” is added.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
SECTION A2		
A2.1.2(a)	A2.1.2(b)	“Fresh Water Cooling Towers Scheme for Air-conditioning Systems (FWCT Scheme)” is replaced by “Fresh Water Cooling Towers Scheme (FWCT Scheme)”.
A2.1.2(b)	A2.1.2(b)	“Code of Practice for Water-cooled Air-conditioning Systems” is replaced by “Code of Practice for Fresh Water Cooling Towers”.
-	A2.1.2(s)	Add a new clause and add “.”.
-	A2.3	Add a new clause.
SECTION A3		
A3.1	A3.1	Delete “.... System International d’ Unites...”.
A3.7	A3.7	2 nd para. replace “labeling” by “labelling”.
A3.7(f)	A3.7(f)	Replace “Pipework” by “pipework”.
A3.9	A3.9	Add “The A/C Contractor shall print the major technical details.....” and delete “materials and equipment delivered to Site are the Employer’s property.”.
A3.13	A3.11	Replace “LABELS AND RELATED INSTRUCTION” by “LABEL”.
A3.13.1	A3.11.1	Add “Sample of label and notice shall be submitted to the Supervising Officer for agreement”.
A3.13.4	A3.13	Re-arrange the clause no.
A3.15.4	A3.12	Re-arrange the clause no.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
A3.11	A3.14	Re-arrange the clause no.
A3.12	A3.15	Re-arrange the clause no.
A3.14.4	A3.16.4	Replace “award of the Contract or the Sub-contract as appropriate” by “acceptance of his tender”, delete “.....having equivalent functions or performance as....” and delete para. “In the event that the approved alternative equipment..... offered equipment or material”.
A3.15.1	-	Delete the clause “Safety on Site”.
A3.17	-	Delete the clause.
SECTION A4		
A4.3.1	A4.3.1	General revision.
A4.3.3	A4.3.3	Delete “The as-built drawings required to be motor control cubicle layout, etc.”.
A4.4.3	A4.4.3	General revision.
A4.4.4	A4.4.4	General revision.
PART B		
SECTION B3		
B3.1	B3.1	Add “..... for motor rated higher than 4 kW...”.
B3.3	B3.3	Add “The fans should be mounted on anti-vibration mountings.”.
-	B3.6.9	Add a new clause.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
B3.6.4	B3.6.4	Add "...with pilot light and isolation switch...".
B3.8	B3.8	Replace "In line centrifugal and mixed flow fans" by "Mixed flow fans".
-	B3.13	Add a new clause.
-	B3.14	Add a new clause.
-	B3.15	Add a new clause.
-	B3.16	Add a new clause.
B3.13	B3.17	Re-alignment of clause.
B3.14	B3.18	Re-alignment of clause.
B3.15	B3.19	Re-alignment of clause.
SECTION B4		
-	B4.1.4(c)	Add "Variable Primary Flow System".
-	B4.1.5(b)(iii)	Add "For a system with variable flow pumps...flow limit shall be satisfied at all time.".
-	B4.1.5(b)(iv)	Add "Other alternative control methods...Supervising Officer.".
SECTION B5		
-	B5.1.7(c)	Add "It shall include relevant as-built drawings, test certificates and commissioning records;".
-	B5.1.8(a)(v)	Add "Data logging and Alarm reporting.".

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
B5.5.3	B5.5.3	Add “The full list of graphic slides, legend and fonts shall be approved by the Supervising Officer.”.
SECTION B6		
B6.1	B6.1	Add “Refrigerants are classified in three flammability safety classification.....the statutory requirements from local authorities.”.
B6.4	B6.4	Add 2 nd last para. “The air-conditioning installation works in connection with the handling.....particulars of these workers shall be submitted to the Supervising Officer for approval.”.
B6.5.2(c)	B6.5.2(c)	Replace “Shutoff valves shall be provided with the gauges to isolate them from the system when required.” by “Shutoff valves shall be provided between the pressure tapping point and the pressure gauge to enable the gauge to be replaced and the zero point to be checked while the plant is running.”.
-	B6.5.5	Add new paragraph “Installation of Energy Metering Devices”.
-	B6.6.5	Add new paragraph “Installation of Energy Metering Devices”.
B6.9	B6.9	General revision.
B6.13	B6.13	Add “....for power/control/earthing systems...” and “...and fault tripping....”.
SECTION B7		
B7.3	B7.3	Add “For essential air conditioning services subject to the approval of.....in the motor control equipment and ancillaries.”.
SECTION B8		

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
B8.1	B8.1	Add “The specified noise criteria shall apply based on fundamental principles, such as those in ASHRAE Fundamentals SI Handbook 2013 to all areas.....from the walls or doors of the rooms.”.
SECTION B9		
B9.8.5	B9.8.5	Add “unless the couplings are suitable for these conditions and acceptable to the Supervising Officer” and “...The pipe connection shall result in a positive watertight couple.....angular pipe deflection, contraction or expansion...” and delete “....except for those pipes with wall thickness less than the minimum...”.
B9.10.7	B9.10.7	Replace “..... waterproof material or sealant...” by “....rock wool or equivalent material.....”.
SECTION B10		
B10.2	B10.2	Replace “for all fan systems..... exceeds 3kW” by “as per following table B10.12 – (1)”.
B10.3	B10.3	Replace “with air volume flow rate of or greater than 5m ³ /s” by “as in table B10.12 – (1)”.
B10.4	B10.4	Delete “In chilled water systemexceeding 40kW” and Add “as per following table B10.12 – (1).
B10.5	B10.5	Replace “at suction and discharge exceeding 1.3 l/s” by “as per following table B10.12 – (1).
B10.7	B10.7	Add “and following table B10.12 – (1) and delete “except for split units”.
B10.9	B10.9	Add “as per following table B10.12 – (1)” and delete clause B10.9.1, 10.9.2 & 10.9.3.
B10.10	B10.10	Add “as per following table B10.12 – (1)” and delete clause B10.10.1, 10.10.2 & 10.10.3.
B10.11.3	B10.11.3	Delete “Hour run meter shall be provided..... exceeding 70kW”.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
-	B10.12	Add a new table B10.12 – (1) for provision of metering facilities.
SECTION B11		
B11.1	B11.1	Add 1 st para “The thermal insulation works shall be undertaken by a minimum required percentage..... submitted to the Supervising Officer for approval.”.
B11.2.5	B11.2.5	Replace “CFC, HCFC and HFC free Polyurethane Foam Insulation” to “Pre-insulated Panel of Foam Insulation with No Ozone Depleting Substances for Construction of Air Ducts”.
-	B11.6.5	<p>Add “Pre-insulated pipes where specified in the Particular Specification or Drawing, shall be of the following requirement or otherwise indicated:-</p> <p>(a) All pre-insulated pipe shall be pre-fabricated and pre-insulated in off-site factory. All pre-insulated pipe shall consist of (i) carrier pipe/ service pipe, (ii) thermal insulation and (iii) external jacket/ cladding. The pre-fabrication and pre-insulation system shall include pipe fittings”.</p>
B11.7.6	B11.7.6	Replace original content by “Pre-fabricated and pre-insulated pipe section shall be used..... as specified in the Particular Specification.”.
-	B11.7.7	Add a new clause.
-	B11.7.8	Add a new clause.
-	B11.7.9	Add a new clause.
-	B11.7.10	Add a new clause.
SECTION B12		

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
B12.1.2	B12.1.2	Add "... 15042:2010 (multiple split system air-conditioners and air-to-air heat pumps – testing and rating for performance) or..."
-	B12.1.4	Add a new clause.
B12.4	B12.4	Add "in accordance with clause B3.6.8".
B12.5	B12.5	Add "... except multi-split system and VRF".
B12.6	B12.6	Replace "self-aligning" by "permanently lubricated".
B12.8	B12.8	Add "... for air duct connection unit."
B12.17	B12.17	Add "... The A/C Contractor shall submit their calculation to prove the performance of the equipment with the required length and level difference for approval."
PART C		
SECTION C1		
C1.14	C1.14	General revision.
C1.16	C1.16	Add ".....or other display device as approved by the Supervising Officer".
SECTION C3		
C3.1.4	C3.1.4	In para (a), add ".....or by other means....".
C3.2.1	C3.2.1	Revise the 3 rd para. as "... (i) air leakage test to HVAC Standard DW/144:2013 Class B or BS EN 1886:2007 Class L2; (ii) thickness of casing according to Table C3.2.2 (iii) conductivity of thermal insulation not greater than 0.02W/m°C rating at the operating temperature; and (iv) insertion loss

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
		through panels at 125Hz and 250Hz of 20dB and 20dB reduction respectively.” And add a new para. “Alternatively, the entire construction of the AHU should have mechanical characteristics not lower than the above table in accordance with AHRI-1350”.
C3.2.3	C3.2.3	<ul style="list-style-type: none"> - 1st para add “...backward curved centrifugal fans, double inlet, double width, or single inlet, single width unless alternative requirement is specified in the particular specification and/or equipment schedule. All fans shall be.....”. - 2nd para. add “....direct driven or.....for motor rated higher than 4kW.”.
C3.2.4	C3.2.4	Revise the 1 st para. “.....The access doors shall be no less than 400mm wide and vertically sized for the full height of the unit or no less than 400mm wide by no less than 1550mm high where the unit height exceeds 1900mm.....”.
C3.2.8	C3.2.8	Delete “The spring clamping devices shall be released by a single acting pneumatic cylinder for insertion or removal of the filter elements.”.
C3.2.10	C3.2.10	In para. (a)(iii) delete “Tinned copper tubes expanded into aluminium fins”.
C3.2.11	C3.2.11	In para (c) delete “A separate drain pan shall be provided for each 1.2m depth of coil”.
C3.2.12	C3.2.12	In para (b) delete “copper”.
C3.2.13	C3.2.13	In para (b) add “Copper tubes expanded into copper fins”.
C3.2.14(d)	C3.2.14(d)	Add “..... or using modulating power controller alternatively.”.
-	C3.3.2	Add “Fans shall be tested for air performance..... by the Supervising Officer.”.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
C3.3.7	C3.3.8	Add “greasy gases”.
-	C3.3.9	Add a new clause
-	C3.5.3	Add “Fans shall be tested for air performance..... by the Supervising Officer.”.
C3.5.4	C3.5.5	Revise the sizes of access panels from 600mm x 600mm to 300mm x 300mm..
C3.5.10	-	Delete content of C3.5.10 and re-arrange the clause no.
C3.8	C3.8	Delete “In-line centrifugal and” in headline.
-	C3.13	Add a new clause
-	C3.14	Add a new clause
-	C3.15	Add a new clause
-	C3.16	Add a new clause
C3.13	C3.17	Realignment of clause.
C3.14	C3.18	Realignment of clause.
C3.15	C3.19	Realignment of clause.
C3.16	C3.20	Realignment of clause.
C3.17	C3.21	Realignment of clause.
C3.18	C3.22	Realignment of clause.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
SECTION C4		
C4.3.1	C4.3.1	Add “control valves smaller than 20mm diameter shall be normally closed, electrically operated, cage-guided, stainless steel trim, flanged cast-steel body” and delete “for fail safe operation”.
C4.4.6	C4.4.6	<ul style="list-style-type: none"> - In (g) 2nd para add “or through CCMS” and 4th para. add “or through CCMS to display”. - In (h) 1st para. revise from 10mA to 20mA and 3rd para. sensing range to revise from 20ppm to 5ppm.
SECTION C5		
C5.5	C5.5	<ul style="list-style-type: none"> - 3rd para to replace 10Mbps by 100Mbps. - 6th para to add “...or Advanced Operator Workstation (B-AOWS).”.
C5.7	C5.7	<ul style="list-style-type: none"> - Replace “General Purpose Computer” by “Computer capable to meet the requirement of the CCMS software and expandability in Clause B5.1.3.”. - Add “Alarm printer capable of handling continuous papers”. - Add “All equipment, where applicable, should have obtained a Recognition Type Energy Label under the Energy Efficiency Labelling Scheme of EMSD.”.
C5.33.1	C5.33.1	Add “The system shall be provided where required in the particular specification”.
C5.34	C5.34	Add “or language based” and “or program statements”.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
C5.55	C5.55	General revision
SECTION C6		
C6.1	C6.1	<ul style="list-style-type: none"> - Add “Power supply voltage-dip ride-through devices shall be provided to delay the protective shutdown of refrigeration machine. Fast restart to allow the refrigerant machine to restart and going to a postlude operational mode shall be required for minimising downtime.”. - Add “For non-oil-free chiller, each.....” and delete “...independent...”. - Add “Refrigerants adoption for refrigeration and air-conditioning system in government building projects shall comply with flammability safety classification in accordance with Clause B6.1 of this General Specification.”. - Add “Performance characteristics, Integrated Part Load Value (IPLV) and Non-standard Part Load Value (NPLV), to shown the performance rating of refrigeration system while operating at various capacities shall be measured in accordance with the latest edition of AHRI Standard 550/590.”. - Add “The testing of the cooling/heating capacity of the refrigeration machine shall be carried out in accordance with AHRI Standard 560:2000, BS EN 14511-1:2013 to BS EN 14511-4:2013 or other international recognised standards.”.
C6.3	C6.3	Add “The cold storage refrigeration shall be factory assembled and tested in accordance with BS EN 16855, BS 2502:1979, ASHRAE 62.1-2013 and requirements of the International Association for Cold Storage Construction (IACSC) and the International Association of Refrigerated Warehouses.”.
-	C6.4.7(c)	Add “Refrigerant monitor to display the concentration level of refrigerant;”.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
-	C6.4.9	Add “All compressors shall be mounted on vibration isolators”.
-	C6.5.1(e)	Add “The compressor shall have lubrication oil management system.... and manage the operation of oil pump and oil heater.”
C6.5.2	C6.5.2	General revision.
C6.6.4	C6.6.4	(f) and (g) replace “hand” by “manual”.
C6.13.1	C6.13.1	Replace “STD-201:2009” by “STD-201 RS:2015”.
C6.13.4	C6.13.4	Replace “ASTM Standard E84-09c” by “ASTM E84-14”.
C6.16.1	C6.16.1	Replace “Herring Bone” by “corrugated” and add “...316...”.
C6.16.5	C6.16.5	Delete “...rubber lined or...” and add “Metal lining shall be of the same material as the plates.”.
C6.21.7	C6.21.7	Replace “hand” by “manual”.
C6.25	C6.25	<ul style="list-style-type: none"> - Replace “The values of minimum coefficient of performance ... Code of Practice for Energy Efficiency of Building Services Installation.” by “The values of minimum coefficient of performance are comply with Code of Practice for Energy Efficiency of Building Services Installation (2015 edition).” - Delete Table C6.25-(1) to (2). - Replace “For heat pump and heat recovery equipment/applications...as stipulated in the Tables above.” by “For heat pump and heat recovery equipment/applications...Code of Practice for Energy Efficiency of building Services Installation (2015 edition).”

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
SECTION C8		
C8.1	C8.1	Add “and/or water-cooled chillers / cooling towers and chilled water / condensing water pumps....intake/...” and delete “....as per the latest BSB Circulars...”
SECTION C9		
C9.3.2(c)	C9.3.2(c)	Add “..... or ASTM A536 grade 65-45-12...”.
C9.4	C9.4	Add “..... or ductile iron to ASTM A536...”.
C9.8	C9.8	Add “..... or ductile iron.”.
C9.11.3	C9.11.3	Add “..... or ductile iron.”.
SECTION C11		
C11.1.2	C11.1.2	General revision.
-	C11.1.6	Add a new clause.
C11.2.1 (g)	C11.2.1 (g)	Add “accredited by HOKLAS or other laboratory accreditation bodies recognised by HOKLAS”.
C11.2.8	C11.2.8	Replace “Type "H" – Polyurethane Foam Insulation with no ozone depleting substances” to “Type "H" – Pre-insulated Panel of Foam Insulation with No Ozone Depleting Substances for Construction of Air Ducts”.
C11.2.8(b)	C11.2.8(b)	Replace 48kg/m ³ to 48kg/m ³ minimum.
C11.2.8(e)	C11.2.8(e)	Replace 95% minimum to 90% minimum.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
-	C11.2.8 (f)	Add a new clause.
-	C11.2.9	Add a new clause.
C11.5.1	C11.5.1	Add “Code of Practice for Energy Efficiency of Building Services Installation” and delete “Other methods to determine the thickness of insulation for chilled water pipe may also be accepted by the Supervising Officer, where appropriate” and “Table C11.5.1(1) and C11.5.1(2)”.
C11.5.2	C11.5.2	Add “Code of Practice for Energy Efficiency of Building Services Installation” and delete “Table C11.5.2(1), and C11.5.2(2) or C11.5.2(3)”.
C11.5.3	C11.5.3	Add “Code of Practice for Energy Efficiency of Building Services Installation” and delete “or by suitable methods agreed by the Supervising Officer” and “Table C11.5.3(1)”.
SECTION C12		
C12.1	C12.1	Add “Refrigerants adoption for refrigeration and air-conditioning system in government building projects shall comply with flammability safety classification in accordance with Clause B6.1 of this General Specification.”.
C12.4	C12.4	Replace “Casings of” by “Casings of condensing unit”.
C12.5	C12.5	Delete “positive” and “mufflers”.
C12.6	C12.6	Delete “of the double width, double inlet”.
C12.8	C12.8	Add “...of air duct connection unit...”.
C12.13	C12.13	- Delete ”interlock with lubricating oil.....automatic unloading”, “low lubricating oil pressure

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
		<p>cutout”, “evaporating”, “condensing” and “...and motor burnout”.</p> <ul style="list-style-type: none"> - Replace “motor coil” by “compressor discharge”.
C12.18	C12.18	<ul style="list-style-type: none"> - Delete “The outdoor unit shall not comprise more than three compressors.”. - Delete “The multi-zone modular split type unit shall be provided with heating (Heat Recovery) and cooling output simultaneously.”.
C12.19	C12.19	<ul style="list-style-type: none"> - Delete “excluding room coolers shall be as shown in the Tables below:” by “shall comply with the requirement as specified in Code of Practice for Energy Efficiency of Building Services Installation 2015 Edition.”. - Delete Table nos. C12.19(a) and (b).
SECTION C13		
C13.1.2	C13.1.2	Materials of construction for fresh water pumps are amended.
C13.1.3(b)	C13.1.3(b)	Add “stainless steel”.
C13.2	C13.2	Remove original Clause – “Fresh Water Pump for Potable Application” from this General Specification to another General Specification for Plumbing Installation. Instead incorporate here “Saline Water Pumps”.
C13.3.2	C13.2.2	Materials of construction for saline water pumps are amended.
C13.14	C13.13	General revision.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
PART D		
D5.4	D5.4	<ul style="list-style-type: none"> - 1st para. add “Electrostatic precipitators shall comply with the FSD’s requirements and shall be of the type under the FSD’s approved material list.”. - 1st para. delete “motorized”. - 2nd para. add “multi-piece”. - 2nd para. (3rd sentence) replace “ioniser-collector cell” by “ioniser-collector section”. - 2nd para. add “or ceramic”. - 3rd para. delete “motor driven, mobile” and “uses grooved nylon wheels to traverse the entire width of the section on twin steel angle carrier rails. The mobile header assembly shall be....”. - 3rd para. add “copper piping and/or...”. - 3rd para. delete “rotating”, “adjustable” and “mobile”. - 4th para. replace “drip and fan dry” by “washing”. - 4th para. replace “digital readout” by “display unit”. - 5th para. replace “10-15” by “single or multi”. - 5th para. delete “or more of the output voltage adjustment”. - 5th para. replace “primary input and secondary output” by “status of power and solid state voltage supply”. - 5th para. delete “primary and secondary”.

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
		<ul style="list-style-type: none"> - 5th para. add “and solid state voltage”. - 5th para. delete “ and solid state high voltage supply”, “manual” and “time delay”.
PART E		
E3	E3	Add “and the Building Energy Code”.
E11	E11	Add “The equipment with rated dehumidifying capacity not exceeding 35 litres per day shall have obtained a Grade 1 Energy Label under the Energy Efficiency Labelling scheme of the EMSD.”.
PART F		
F1	F1	“...relevant parts of the Code of Practice for Water-cooled Air-conditioning Systems....” is replaced by “.....relevant parts of the Code of Practice for Fresh Water Cooling Towers...”
F2	F2	Add “Monthly report on the details of water treatment.....shall be forwarded to the Supervising Officer each month.”.
F4.5	F4.5	3 rd para add “and shall have the maximum storage capacity with its chemical name labelled on the tank body for easy identification.”.
PART G		
G1	G1	Delete “All paint shall be of lowest Volatile Organic Compound.....according to the requirement of General Specification for Building.” and replace by “All paints shall be submitted for the approval or other methods acceptable to EPD.”.
PART H		

Old Ref. No. (2012)	New Ref. No. (2017)	Major Changes
PART H	PART H	General revision.
PART I		
PART I	PART I	General revision.
ANNEX I		
ANNEX I	ANNEX I	General revision.