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Building Plan and Management  
Division (#04-00)

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President  
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## ANNEX 3

Dear Sir

- (A) SS CP 13: 1999 – Mechanical Ventilation and Air-conditioning in Buildings
- (B) SS CP 24: 1999 – Energy Efficiency Standard for Building Services and Equipment
- (C) SS CP 38: 1999 – Artificial Lighting in Buildings

The Singapore Productivity and Standards Board has recently published the above revised codes of practice to keep them abreast with latest development in the respective fields. These codes will be officially launched at a joint PSB-BCA seminar on 25 Feb 2000 at the PSB Auditorium.

2 CP 13: 1999 has been extensively revised to include indoor air quality guidelines from the Ministry of the Environment, energy conservation guidelines from the BCA's 'Handbook on Energy Conservation in Buildings and Building Services' (Energy Handbook) and fire safety requirements from FSB's 'Fire Precaution in Buildings' (Fire Code). However, only specific sections of CP 13 come under the purview of the BCA. These are:

- (a) Section 5 – Ventilation rates (cl 5.1 to 5.3);
- (b) Section 6 – Mechanical ventilation systems (cl 6.1 to 6.3 excluding fire safety-related sub-clauses); and
- (c) Section 7 – Air-conditioning design (cl 7.1 to 7.9 excluding fire safety-related sub-clauses).

The aforesaid sections will supersede the technical requirements in Division 9 (air-conditioning and mechanical ventilation) of the Building Control Regulations.

3           **CP 24: 1999** is a complete revamp of its predecessor. The code sets minimum energy efficiency standards for the four major energy consuming equipment and system, viz. air-conditioning equipment, water heaters, electric motors and artificial lighting system. However, only the lighting power budget section of CP 24 will be implemented by the BCA. The new lighting power budget in CP24 will replace that in the Energy Code.

4           **CP 38: 1999** has been updated to keep abreast with technology changes in the lighting industry. Its revision had been closely co-ordinated with the revision of the lighting power budget in CP24 to maintain consistency between the two standards.

5           In view of the significant changes that the three CPs had undergone, the BCA has decided to defer the implementation of these new codes till 1 July 2000 so that the various parties in the industry will have sufficient time to familiarise themselves with the codes. The new codes will apply to projects submitted to BCA for Building Plan (BP) approval from 1 July 2000 onwards. However, developers, engineers, architects and contractors are encouraged to adopt the new codes for their current projects wherever possible.

6           Please convey the contents of this circular to members of your institution/association. Thank you.

Yours faithfully



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