

## Information on Existing Standards Related to Green Building

Member State : Singapore

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No.	National Standard Number	Title of National Standard	Year of publication	* Green Mark Criteria	Reference Standard	Remarks (if any)
1	CP 1	The use of timber in building	2011	Environmental Protection	a) BS 476: Fire tests on building materials and structures b) BS 144 : 1997 Specification for coal tar creosote for wood preservation c) ASTM E69 – 02 (2007) Standard test method for combustible properties of treated wood by the fire-tube apparatus	Currently being revised and due to complete by Dec 2011
2	SS 530	Code of Practice for Energy Efficiency Standard for Building Services and Equipment	2006	Energy Efficiency	ANSI/ASHRAE/IESNA Standard 90.1 : 2004 'Energy standard for buildings except low-rise residential buildings'	
3	SS 531:Part 1	Code of Practice for Lighting of Work Places - Indoor	2006	Indoor Environmental Quality	ISO 8995 : 2002, Lighting of Work Places – Part 1 : Indoor	

4	SS 544:Part 2	Concrete - Complementary Singapore Standard to SS EN 206-1 - Specification for constituent materials and concrete	2009	Environmental Protection	BS 8500-2:2006 `Concrete – Complementary British Standard to BS EN 206-1, Part 2: Specification for constituent materials and concrete’	
5	SS 553	Code of Practice for Mechanical Ventilation and Air-Conditioning in Buildings	2009	Energy Efficiency	a) ANSI/ASHRAE/IESNA Standard 90.1 : 2007 ‘Energy standard for buildings except low-rise residential buildings (SI Edition)’, b) ANSI/ASHRAE 62.1 : 2007 ‘Ventilation for acceptable indoor air quality’, c) BSR/ASHRAE//USGBC/IESNA Standard 189P ‘Proposed standard for the design of highperformance green buildings except low-rise residential buildings’.	
6	SS 554	Code of practice for indoor air quality for air-conditioned buildings	2009	Indoor Environmental Quality	ISO 16814 : 2008 Building environment design – Indoor air quality – Methods of expressing the quality of indoor air for human occupancy	
7	SS 557	Code of practice for demolition	2010	Environmental Protection	BS 6187: 2000 ‘Code of practice for demolition’	
8	SS EN 12620	Specification for aggregates for concrete	2008	Environmental Protection	EN 12620 : 2002 Aggregates for concrete	

9	SS	Energy Efficiency of central chiller system		Energy Efficiency		Under development
10	TR	Safety & Performance of LED luminaire and retrofit LED lamps		Energy Efficiency		Under development

\*NB - To be classified as one of the following: 1. Energy Efficiency 2. Water Efficiency 3. Environmental Protection 4. Indoor Environmental Quality 5. Other Green Features