



**International Cost Engineering Council (ICEC)  
International Standards Working Group  
Inventory of Best Practices/Standards**

# **Region 4 Asia Pacific**

**International Cost Engineering Council (ICEC)  
International Standards Working Group  
Inventory of Best Practices/Standards**

Association: AIQS

Preparer: Peter Cox  
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Date: 16/6/05

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<b>Title</b>	<b>Ref. No.</b>	<b>Release Date</b>	<b>Revision #</b>	<b>Description/Author</b>
<u>Best Practice/Standard</u>				
ACMM Vol. 1 – Cost planning and analysis		2006		
ACMM Vol. 2 – Definitions, codes and nomenclature		2001		
ACMM Vol. 3 – Life cycle costing		2002		
ACMM Vol. 4 – Evaluating sustainable development		2003		
ACMM Vol. 5 – Feasibility study guidelines - (includes CD)		2006		
Australian Cost Management Manuals - Set of five Books		2006		
Australian Standard Method of Measurement of Building Works - 5 <sup>th</sup> Edition		1991		(ASMM)
National Competency Standards for Quantity Surveyors - Construction Economists With Folder				
<u>Guideline</u>				
Civil Engineering Measurement, A Guide		1998		J Sierra
The A to Z Guide to Estimating		1998		J Sierra
Basic Building Economics		1998		J Sierra
Electrical Installation Estimating		1999		J Sierra
Building and Engineering Claims		2000		J Sierra
Brief Guide to Running a Small Business		2001		J Sierra
Variations, Costs and Mediation		2001		J Sierra
Estimating Price		2002		J Sierra
Measuring Mechanical & Electrical Services		2003		J Sierra
Preliminary and General Matters Related to Building Construction Estimates		2005		J Sierra

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<u>Guidelines</u> (cont.)				
Guideline Fee Scale and Conditions of Engagement				
Australian Standard Method of Measurement of Buildings Works - 5 <sup>th</sup> Edition - Technical Questions and Answers		2004		
The Conference Management Manual				
Property Depreciation Handbook		2004		David Kelly
2005 Tertiary Guide (one only)				
2005 Members' Business Register (one only)				
<u>Reference Paper</u>				
Project Risk Management in the Construction Industry: a Review		2003		T Lyons
Measuring - The Skill of the Quantity Surveyor		2003		M January
Time & Cost Performance of Building Contracts 1976 - 1986				F J Bromilow, M F Hinds & N F
Video - QUT - Life Cycle Analysis & Ecologically Sustainable Development				
Video - Arbitration in Perspective (2 videos)				
Australian Journal of Construction Economics and Building - Volume 4, Issue 2		2004		
Australian Journal of Construction Economics and Building - Annual Subscription - 2 issues per year				

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Reference. Paper (cont.)

CD-ROM - Current Construction Costs Annual  
Subscription - Produced quarterly - March,  
June, September & December  
The Building Economist - Annual Subscription  
Published quarterly - March, June, September  
& December  
The Building Economist - individual copies  
CD ROM - 3<sup>rd</sup> World ICEC Congress Papers -  
April 2002  
AIQS Further Education/Distance Learning  
Scheme  
Please circle unit required.  
1 2 3 4 5 6 7 8  
Practice Notes (available on web) Free download

**International Cost Engineering Council (ICEC)  
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Association: The Hong Kong Institute of  
Surveyors (HKIS)

Preparer:  
E-mail Address:

Date: 4/4/06

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<b>Title</b>	<b>Ref. No.</b>	<b>Release Date</b>	<b>Revision #</b>	<b>Description/Author</b>
<u>Best Practice/Standard</u>				
Agreement & Schedule of Conditions of Building Contract for use in the Hong Kong Special Administrative Region Standard Form of Building Contract Private Edition – With Quantities		1986	July 1999 (2 <sup>nd</sup> amendment)	The Hong Kong Institute of Architects, RICS (Hong Kong Branch), The Society of Builders, Hong Kong
Agreement & Schedule of Conditions of Building Contract for use in the Hong Kong Special Administrative Region Standard Form of Building Contract Private Edition – Without Quantities		1986	July 1999 (2 <sup>nd</sup> amendment)	The Hong Kong Institute of Architects, RICS (Hong Kong Branch), The Society of Builders, Hong Kong
Sub-Contract (For use where the Sub-Contractor is nominated under the Standard Form of Building Contract for Hong Kong)		1986	February 2000 (2 <sup>nd</sup> amendment)	The Hong Kong Institute of Architects, RICS (Hong Kong Branch), The Society of Builders, Hong Kong
Agreement & Schedule of Conditions of Building Contract for use in the Hong Kong Special Administrative Region (2005 Edition) Standard Form of Building Contract Private Edition – With Quantities		2005	-	The Hong Kong Institute of Architects, The Hong Kong Institute of Construction Managers, HKIS

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<u>Best Practice/Standard</u>				
Agreement & Schedule of Conditions of Nominated Sub-Contract for use in the Hong Kong Special Administrative Region (2005 Edition)		2005	-	The Hong Kong Institute of Architects, The Hong Kong Institute of Construction Managers, HKIS
Agreement & Schedule of Conditions of Nominated Supply Contract for use in the Hong Kong Special Administrative Region (2005 Edition)		2005	-	The Hong Kong Institute of Architects, The Hong Kong Institute of Construction Managers, HKIS
Standard Form of Contract for Minor Works		1992	January 2003 (1 <sup>st</sup> amendment)	HKIS, The Hong Kong Institute of Architects, The Hong Kong Institute of Engineers (Building Division), CIOB (Hong Kong Branch)
Hong Kong Standard Method of Measurement of Building Works		1962	February 1979 (3 <sup>rd</sup> Edition)	-
Standard method of measurement for building elements		2001	-	Architectural Services Department, HKSAR Government

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<u>Best Practice/Standard</u>				
General Conditions of Contract for Building Works (1999 Edition)		1999	-	HKSAR Government
General Conditions of Contract for Civil Engineering Works (1999 Edition)		1999	-	HKSAR Government
General Conditions of Contract for Design & Build Contracts 1999		1999	-	HKSAR Government
General Conditions of Contract for Electrical & Mechanical Works (1999 Edition)		1999	-	HKSAR Government
General Conditions of Contract for Term Contract for Civil Engineering Works (2002 Edition)		2002	-	HKSAR Government
General Conditions of Contract for Term Contracts for Building Works (2004 Edition)		2004	-	HKSAR Government
Government of Hong Kong Sub-Contract Articles of Agreement and Conditions for Civil Engineering Works		1988	-	HKSAR Government

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<b>Title</b>	<b>Ref. No.</b>	<b>Release Date</b>	<b>Revision #</b>	<b>Description/Author</b>
<u>Guideline</u>				
Inclusive Scale of Professional Charges for Quantity Surveying Services for Building Works in Hong Kong		November 1994	-	HKIS & RICS (Hong Kong Branch)
Itemised Scale of Professional Charges for Quantity Surveying Services for Building Works in Hong Kong		1967	November 1994 (3 <sup>rd</sup> edition)	HKIS & RICS (Hong Kong Branch)
Building measurement in Hong Kong : worked examples		1991	-	David H. Picken and Derek S. Drew



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<u>Reference Paper</u>				
Surveying & Built Environment – 2 issues per year (Journal)		-	-	HKIS
Schedule of Rates for Term Contracts for Building Works (2003 Edition - Volume 1 & 2)		2003	-	Architectural Services Department, HKSAR Government

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Association: SISV Singapore Institute of Surveyors & Valuers	Preparer: E-mail Address:	Seah Kwee Yong Skyey1@yahoo.com	Date: 25 Dec 2006	Page 1
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Title	Ref. No.	Release Date	Revision #	Description/ Author
<b>Best Practice/ Standard</b>				<a href="http://www.itsc.org.sg/tc/5th_term_compo/citc.html">http://www.itsc.org.sg/tc/5th_term_compo/citc.html</a>
Code of practice for Classification of Construction Cost Information	SS CP 80	1999	-	Classified and structured cost information is stored in a way that is consistent and reliable across the industry so as to reduce an duplication of work. Goh Ngan Hong <a href="http://www.iai-singapore.org/Group_PWG.htm">http://www.iai-singapore.org/Group_PWG.htm</a>
Code of practice for Construction Computer-Aided Design (CAD)	<a href="#">SS CP 83 :</a> Part 1: Organising & Naming of CAD layers	<a href="#">2004</a>	-	<a href="http://www.iai-singapore.org/Group_DWG.htm">http://www.iai-singapore.org/Group_DWG.htm</a>
Code of practice for Construction Computer-Aided Design (CAD)	SS CP 83 : Part 2: CAD Symbols	2000	-	
Code of practice for Construction Computer-Aided Design (CAD)	<a href="#">SS CP 83 :</a> Part 3: Organising & Naming of CAD files	<a href="#">2001</a>	-	
Code of practice for Construction Computer-Aided Design (CAD)	<a href="#">SS CP 83 :</a> Part 4: CAD Drafting Conventions	<a href="#">2001</a>	-	

Title	Ref. No.	Release Date	Revision #	Description/ Author
Code of practice for Construction Computer-Aided Design (CAD)	SS CP 83 : Part 5: Colour & Line Type	2001	-	
Code of practice for Classification of Construction Resources Information	SS CP 93	2002	-	This national amendment to the CSI Masterformat is a uniform system for classifying information related to construction products, materials, services and machinery. It ensures a consistent and structured way of information exchange and storage to reduce any duplication of work. Goh Ngan Hong <a href="http://www.iai-singapore.org/Group_PWG.htm">http://www.iai-singapore.org/Group_PWG.htm</a>
Code of practice for Construction Electronic Measurement Standard (CEMS) -	SS CP 97 : Part 1: Standards Method of Measurement (SMM) for Building Works	2002	-	A common standard for the production of drawn information and the development of Automated Quantities Taking-Off Systems (AQTs) software applications. The rules of measurement are presented in a structured format suited for programmers to translate them into codes necessary for development of AQTs software applications from CAD drawings. Seah Kwee Yong <a href="http://www.iai-singapore.org/Group_MWG.htm">http://www.iai-singapore.org/Group_MWG.htm</a>
Code of practice for Construction Electronic Measurement Standard (CEMS) -	SS CP 97 : Part 2: Standard Method of Measurement (SMM) for Mechanical & Electrical Works	2004	-	Comprises guidance notes, general principles and measurement rules for items related to M & E works. Fulfils a bridging role by adapting current practices as well as defining the standards for future Automatic Quantities Taking-off System (AQTs) applications. Provides attributes and operation templates for Object Oriented Modelling (OOM) but is by no means exhaustive as there are multiple permutations and terminologies for a single object model. Seah Kwee Yong <a href="http://www.iai-singapore.org/Group_MWG.htm">http://www.iai-singapore.org/Group_MWG.htm</a>
Code of Practice for Information Exchange and Documentation at Handing / Taking-over of Buildings upon Completion	SS 517	2005	-	Defines the minimum documentation and information requirements across the different building types. Also defines the scope, characteristics and processes of information exchange and documentation associated with effective document management. Eugene Seah
Code of Practice for Building Project Document Control	SS 527	2006		Defines the basic file register template for construction stage document control.

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System				
National Productivity & Quality Specifications	eNPQS	2004	2006	<a href="http://www.corenet.gov.sg/enpqs/Introduction.asp">http://www.corenet.gov.sg/enpqs/Introduction.asp</a>
Public Sector Standard Conditions Of Contract	PSSCOC	2006	2006	<a href="http://www.bca.gov.sg/PSSCOC/psscoc_construction_works.html">http://www.bca.gov.sg/PSSCOC/psscoc_construction_works.html</a> The Base Contract is for Build Only Contract. There is a Supplement for Design & Build, other Standard Conditions for Nominated Sub-Contract.
SIA Contract 7 <sup>th</sup> Edition,		2005		Singapore Institute of Architects. The base contract is for Build Only Main Contract. There are other Standard Conditions for Sub-Contract (2005) and Minor Works Contract (1987)
REDAS Design & Build Conditions of Contract		2005		Real Estate Developers Association, Singapore <a href="http://www.redas.com/HTML/Publications.html">http://www.redas.com/HTML/Publications.html</a>
Building & Construction Industry Security of Payment Act	SOP	2005		<a href="http://www.bca.gov.sg/Publications/SecurityofPayment/SOP.html">http://www.bca.gov.sg/Publications/SecurityofPayment/SOP.html</a>
<b><u>Guideline</u></b>				
Building & Construction Authority's Contractors' Registry		2006		<a href="http://dir.bca.gov.sg/bca/index.asp">http://dir.bca.gov.sg/bca/index.asp</a> for use by public sector procurement
Building & Construction Authority's publications		2006		<a href="http://www.bca.gov.sg/Publications/publications.html">http://www.bca.gov.sg/Publications/publications.html</a> Various Acts, Regulations, Codes and Incentives
GeBIZ, Singapore government's one-stop e-procurement portal.		2006		Singapore Government <a href="http://www.gebiz.gov.sg/">http://www.gebiz.gov.sg/</a>
<b><u>Reference, Paper</u></b>				
An Introduction using Construction Electronic	ISBN: 0-07-123361-X	19 July 2003		Dr Teo Ai-Lin, Davis Langdon & Seah Singapore, KPK Quantity Surveyors; McGrawHill

Title	Ref. No.	Release Date	Revision #	Description/ Author
Measurement Standards (CEMS)				
Construction Electronic Measurement Standards (CEMS) Part 1 Reviewed	ISBN: 0-07-1239529	2006		Dr Teo Ai-Lin, Davis Langdon & Seah Singapore, KPK Quantity Surveyors; McGrawHill <a href="http://www.mcgraw-hill.com.sg/announcement/CEMSReview.jsp">http://www.mcgraw-hill.com.sg/announcement/CEMSReview.jsp</a>