

Corrigenda to the Code of Practice for Site Supervision 2009 (SS Code) (8 May 2015)

Item	Paragraph / Table	Current version	Amendments	Remarks																																																																																																																
1	Table 8.1	<table><tr><th colspan="3">Table 8.1</th></tr><tr><th colspan="3">Measurable Items and Basic Values for Assessment of the Scale of Works</th></tr><tr><th>Type of Building Works/ Street Works</th><th>Measurable Item</th><th>Basic Value</th></tr><tr><td>demolition</td><td>maximum floor area of the building to be demolished per storey</td><td>750 m²</td></tr><tr><td rowspan="2">ground investigation field works</td><td>number of drilling rigs (irrespective of the number of trial pits, coreholes and slope surface strippings)</td><td>6</td></tr><tr><td>number of trial pits, coreholes and slope surface strippings concurrently carried out on site (only applicable when no drillholes are proposed)</td><td>20</td></tr><tr><td>site formation</td><td>total cost</td><td>\$20M</td></tr><tr><td>slope/retaining wall/buried services repairs</td><td>total cost</td><td>\$6M</td></tr><tr><td>excavation & lateral support</td><td>average cost per month</td><td>\$4M</td></tr><tr><td>pile wall</td><td>average cost per month</td><td>\$4M</td></tr><tr><td>tunnel works</td><td>total cost</td><td>\$25M</td></tr><tr><td>large diameter bored piles and barrette piles</td><td>average cost per month</td><td>\$9M</td></tr><tr><td>driven piles, mini-piles and socketted H-piles</td><td>average cost per month</td><td>\$5M</td></tr><tr><td>cap/footing/basement</td><td>total cost</td><td>\$25M</td></tr><tr><td>superstructure</td><td>total construction floor area</td><td>20000 m²</td></tr><tr><td>curtain wall/cladding</td><td>total aggregated surface area</td><td>10000 m²</td></tr><tr><td>alteration & addition</td><td>total cost</td><td>\$8M</td></tr><tr><td>minor works</td><td>total cost</td><td>\$5M</td></tr><tr><td>street works</td><td>total cost</td><td>\$6M</td></tr></table>	Table 8.1			Measurable Items and Basic Values for Assessment of the Scale of Works			Type of Building Works/ Street Works	Measurable Item	Basic Value	demolition	maximum floor area of the building to be demolished per storey	750 m ²	ground investigation field works	number of drilling rigs (irrespective of the number of trial pits, coreholes and slope surface strippings)	6	number of trial pits, coreholes and slope surface strippings concurrently carried out on site (only applicable when no drillholes are proposed)	20	site formation	total cost	\$20M	slope/retaining wall/buried services repairs	total cost	\$6M	excavation & lateral support	average cost per month	\$4M	pile wall	average cost per month	\$4M	tunnel works	total cost	\$25M	large diameter bored piles and barrette piles	average cost per month	\$9M	driven piles, mini-piles and socketted H-piles	average cost per month	\$5M	cap/footing/basement	total cost	\$25M	superstructure	total construction floor area	20000 m ²	curtain wall/cladding	total aggregated surface area	10000 m ²	alteration & addition	total cost	\$8M	minor works	total cost	\$5M	street works	total cost	\$6M	<table><tr><th colspan="3">Table 8.1</th></tr><tr><th colspan="3">Measurable Items and Basic Values for Assessment of the Scale of Works</th></tr><tr><th>Type of Building Works/ Street Works</th><th>Measurable Item</th><th>Basic Value</th></tr><tr><td>demolition</td><td>maximum floor area of the building to be demolished per storey</td><td>750 m²</td></tr><tr><td rowspan="2">ground investigation field works</td><td>number of drilling rigs (irrespective of the number of trial pits, coreholes and slope surface strippings)</td><td>6</td></tr><tr><td>number of trial pits, coreholes and slope surface strippings concurrently carried out on site (only applicable when no drillholes are proposed)</td><td>20</td></tr><tr><td>site formation</td><td>total cost</td><td>\$26M</td></tr><tr><td>slope/retaining wall/buried services repairs</td><td>total cost</td><td>\$8M</td></tr><tr><td>excavation & lateral support</td><td>average cost per month</td><td>\$6M</td></tr><tr><td>pile wall</td><td>average cost per month</td><td>\$6M</td></tr><tr><td>tunnel works</td><td>total cost</td><td>\$32M</td></tr><tr><td>large diameter bored piles and barrette piles</td><td>average cost per month</td><td>\$12M</td></tr><tr><td>piles other than the above types of pile</td><td>average cost per month</td><td>\$6M</td></tr><tr><td>cap/footing/basement</td><td>total cost</td><td>\$32M</td></tr><tr><td>superstructure</td><td>total construction floor area</td><td>20000 m2</td></tr><tr><td>curtain wall/cladding</td><td>total aggregated surface area</td><td>10000 m2</td></tr><tr><td>alteration & addition</td><td>total cost</td><td>\$11M</td></tr><tr><td>minor works</td><td>total cost</td><td>\$7M</td></tr><tr><td>street works</td><td>total cost</td><td>\$8M</td></tr></table> <p>Legends: - Revised value/phrase</p>	Table 8.1			Measurable Items and Basic Values for Assessment of the Scale of Works			Type of Building Works/ Street Works	Measurable Item	Basic Value	demolition	maximum floor area of the building to be demolished per storey	750 m ²	ground investigation field works	number of drilling rigs (irrespective of the number of trial pits, coreholes and slope surface strippings)	6	number of trial pits, coreholes and slope surface strippings concurrently carried out on site (only applicable when no drillholes are proposed)	20	site formation	total cost	\$26M	slope/retaining wall/buried services repairs	total cost	\$8M	excavation & lateral support	average cost per month	\$6M	pile wall	average cost per month	\$6M	tunnel works	total cost	\$32M	large diameter bored piles and barrette piles	average cost per month	\$12M	piles other than the above types of pile	average cost per month	\$6M	cap/footing/basement	total cost	\$32M	superstructure	total construction floor area	20000 m2	curtain wall/cladding	total aggregated surface area	10000 m2	alteration & addition	total cost	\$11M	minor works	total cost	\$7M	street works	total cost	\$8M	Taking into account the fluctuations in the costs of labour and materials since the publication of SS Code, the Basic Values for Assessment of the Scale of Works are adjusted accordingly.
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2	Paragraph 8.21	8.21 TCP qualification and experience accepted during transitional period before 22 December 2005 or accepted pursuant to the corresponding recognition and requirements prescribed in this paragraph are recorded at Appendix X.	8.21 Other acceptable criteria in qualifications and experience for TCP prescribed in this paragraph are recorded at Appendix X. Legends: - Revised phrase	The paragraph is re-written for simplicity.																																																																																																																

Table 8.6
(GIFW)

Table 8.6 Minimum Qualifications and Experience Required for TCP T3						
Type of Building Works or Street Works	AP's Stream		RSE's Stream		RC's Stream	
	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience
GIFW	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	5 years	N/A		N/A	
	(b) Degree in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	2 years				
	(c) Degree in geology which covers the specified engineering related subjects (refer Item 2.0 of Appendix VII); or	2 years in civil/geotechnical engineering				
	(d) Degree in geology which covers the specified engineering related subjects (refer Item 2.0 of Appendix VII) or Degree in civil/geotechnical engineering, and has attended and passed specified geotechnical top-up course.	1 year in civil/geotechnical engineering				
	(a) Higher certificate or higher diploma in civil/geotechnical engineering; or					
	(b) Degree in geology which covers the specified engineering related subjects (refer Item 2.0 of Appendix VII) or Degree in civil/geotechnical engineering, or					
	(c) Degree in geology which covers the specified engineering related subjects (refer Item 2.0 of Appendix VII) or Degree in civil/geotechnical engineering, and has attended and passed specified geotechnical top-up course.					

Table 8.6 Minimum Qualifications and Experience Required for TCP T3						
Type of Building Works or Street Works	AP's Stream		RSE's Stream		RC's Stream	
	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience
GIFW	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	5 years	N/A		N/A	
	(b) Degree in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	2 years				
	(c) Degree in geology which covers the specified engineering related subjects (refer Item 2.0 of Appendix VII); or	2 years in civil/geotechnical engineering				
	(d) Degree in geology which covers the specified engineering related subjects (refer Item 2.0 of Appendix VII) or Degree in civil/geotechnical engineering, and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).	1 year in civil/geotechnical engineering				
	(a) Higher certificate or higher diploma in civil/geotechnical engineering; or					
	(b) Degree in geology which covers the specified engineering related subjects (refer Item 2.0 of Appendix VII) or Degree in civil/geotechnical engineering, or					
	(c) Degree in geology which covers the specified engineering related subjects (refer Item 2.0 of Appendix VII) or Degree in civil/geotechnical engineering, and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).					

Legends: - New phrase

To clarify that the details of the specified geotechnical top-up course are elaborated in Para. 4 of Appendix X.

Table 8.6
(Building
Works with
significant
geotechnical
contents)

Type of Building Works or Street Works	AP's Stream		RSE's Stream		RGE's Stream		RC's Stream	
	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience
Building Works with significant geotechnical content	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	5 years	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering; or	5 years	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering; or	5 years	N/A	
	(b) Degree in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	2 years	(b) Degree in civil/structural/geotechnical engineering; or	2 years	(b) Degree in civil/structural/geotechnical engineering; or	2 years		
	(c) Degree in civil/structural/geotechnical engineering, and has attended and passed specified geotechnical top-up course.	1 year	(c) Degree in civil/structural/geotechnical engineering and has attended and passed specified geotechnical top-up course.	1 year	(c) Degree in geology which covers the specified engineering related subjects (refer to Item 2.0 of Appendix VII) or degree in civil/structural/geotechnical engineering, and has attended and passed specified geotechnical top-up course.	1 year		

Type of Building Works or Street Works	AP's Stream		RSE's Stream		RGE's Stream		RC's Stream	
	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience
Building Works with significant geotechnical content	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	5 years	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering, or Degree in civil/structural/geotechnical engineering; or	5 years	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering, or Degree in geology which covers the specified engineering related subjects (refer to item 2.0 of Appendix VID) or Degree in civil/structural/geotechnical engineering, and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).	5 years	N/A	
	(b) Degree in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	2 years	(b) Degree in civil/structural/geotechnical engineering, or Degree in civil/structural/geotechnical engineering and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).	2 years	(b) Degree in civil/structural/geotechnical engineering, or Degree in geology which covers the specified engineering related subjects (refer to item 2.0 of Appendix VID) or Degree in civil/structural/geotechnical engineering, and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).	2 years		
	(c) Degree in civil/structural/geotechnical engineering, and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).	1 year	(c) Degree in civil/structural/geotechnical engineering, and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).	1 year	(c) Degree in civil/structural/geotechnical engineering, and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).	1 year		

Legends:

- New phrase

- New phrase

To clarify that the details of the specified geotechnical top-up course are elaborated in Para. 4 of Appendix X.

Table 8.6
(Foundation
Works)

Type of Building Works or Street Works	AP's Stream		RSE's Stream		RGE's Stream		RC's Stream	
	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience
Foundation Works	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	5 years	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering; or	5 years	N/A		N/A	
	(b) Degree in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	2 years	(b) Degree in civil/structural/geotechnical engineering and has attended and passed specified geotechnical top-up course.	2 years				
	(c) Degree in civil/structural/geotechnical engineering and has attended and passed specified geotechnical top-up course.	1 year		1 year				

Type of Building Works or Street Works	AP's Stream		RSE's Stream		RGE's Stream		RC's Stream	
	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience	Qualification	Relevant Experience
Foundation Works	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	5 years	(a) Higher certificate or higher diploma in civil/structural/geotechnical engineering; or	5 years	N/A		N/A	
	(b) Degree in civil/structural/geotechnical engineering, building studies, building surveying or architectural studies; or	2 years	(b) Degree in civil/structural/geotechnical engineering and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).	2 years				
	(c) Degree in civil/structural/geotechnical engineering and has attended and passed specified geotechnical top-up course (refer paragraph 4 of Appendix X).	1 year		1 year				

Legends: - New phrase

To clarify that the details of the specified geotechnical top-up course are elaborated in Para. 4 of Appendix X.

6	Appendix X	<p style="text-align: center;">Appendix X</p> <p style="text-align: center;">TCP Qualifications and Experience Accepted during Transitional Period before 22 December 2005 or Accepted pursuant to the Corresponding Recognition and Requirements Prescribed in Paragraph 8 of this Code</p>	<p style="text-align: center;">Appendix X</p> <p style="text-align: center;">Other Acceptable Criteria in Qualifications and Experience for TCP</p> <p>Legends: - Revised title</p>	Title is re-written for simplicity.
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Appendix X

Qualifications and experience for TCP accepted during transitional period before 22 December 2005 or accepted pursuant to the corresponding recognition and requirements prescribed in paragraph 8 of this Code are listed as follows:

1. A person who is a corporate member of the Hong Kong Institute of Clerks of Works (HKICW) or the Chartered Institute of Building (CIOB) may be appointed as TCP of grade T3 to T1 in accordance with Tables 1 and 2 (with Notes) below, provided that he has the required relevant working experience.

Table 1				
Eligibility of Corporate Member of HKICW or CIOB as TCP T3 to T1 (with academic background in building surveying, building or architectural studies)				
Type of Building Works or Street Works	TCP T3 in AP's Stream	TCP T3 in RSE's Stream	TCP T3 in RGE's Stream	TCP T3 to T1 in RC's Stream
GIFW	Yes	N/A	No	No
Building Works with significant geotechnical content	Yes	No	No	No
Foundation Works	Yes	No	No	No
Street Works or all Building Works, (other than the above types of works and Minor Works)	Yes	No	No	Yes
Class I Minor Works	Yes	No	No	Yes

Table 2				
Eligibility of Corporate Member of HKICW or CIOB as TCP T3 to T1 (with academic background in civil/structural/geotechnical engineering)				
Type of Building Works or Street Works	TCP T3 in AP's Stream	TCP T3 in RSE's Stream	TCP T3 to T2 in RGE's Stream	TCP T3 to T1 in RC's Stream
GIFW	Yes	N/A	No	No
Building Works with significant geotechnical content	Yes	Yes	Yes	Yes
Foundation Works	Yes	Yes	Yes	Yes
Street Works or all Building Works, (other than the above types of works and Minor Works)	Yes	Yes	Yes	Yes
Class I Minor Works	Yes	Yes	Yes	Yes





Note: For eligibility of a corporate member of HKICW or CIOB as T4, please refer to TCP qualifications and experience in paragraph 8 of this Code.

Other acceptable criteria in qualifications and experience are listed as follows:



Legends:  - Revised phrase
 - Deleted paragraph/ table

Recognition for Technical Competent Persons (TCP) based on membership of particular professional institutes is repealed.

<p>6 (Con't.)</p>	<p>Appendix X</p>	<p>2(a) A person who is an associate member of the Hong Kong Institution of Engineers of a relevant discipline for not less than two years may be appointed as TCP of grade T3 to T1 for street works or building works.</p> <p>2(b) A person who is an associate member of the Chartered Institute of Building (ACIOB) with a duly recognized higher certificate or higher diploma of the relevant prescribed qualification in Table 8.6 of this Code, and with not less than five years relevant experience, may be appointed as TCP of grade T3 in the RC's stream to perform the corresponding work types specified in that table.</p> <p>3(a) During the early implementation stage of the Supervision Plan System before 22 December 2005, site supervisory personnel who did not meet the required academic qualifications as specified in the Technical Memorandum, but had sufficient years of relevant experience as per part (a) of Table 3 (with Notes) below, attended top-up training courses organized by Vocational Training Council (VTC) or the Construction Industry Council Training Academy (CICTA) (formerly the Construction Industry Training Authority (CITA)) and acquired an Equivalent Certificate would be accepted to possess equivalent qualifications as specified in the Technical Memorandum on a permanent basis. He can be appointed as TCP of grade T3 to T1 in the respective streams in accordance with part (a) of Table 4 below.</p> <p>3(b)(i) As the industry has raised that there is shortage in the supply of TCP T1, there is a need for organizing a "Technically Competent Person T1 Training Course", similar to previous top-up courses, to enhance the technical ability of site supervisory personnel working in the industry but do not meet the required academic qualifications as specified in the Technical Memorandum, so that they can perform the duties of TCP T1. A person who has relevant prior experience of not less than 5 years is eligible to attend the "Technically Competent Person T1 Training Course" offered by the HK Institute of Vocational Education (HKIVE) or the Construction Industry Council Training Academy (CICTA) and upon acquiring the "TCP T1 Certificate" will be accepted to possess equivalent qualifications required for a TCP T1 on a permanent basis. He may be appointed as TCP of grade T1 in accordance with part (b) of Table 3 (with Notes) and Table 4 below.</p>	<div style="text-align: center;">   </div> <p>1. During the early implementation stage of the Supervision Plan System before 22 December 2005, site supervisory personnel who did not meet the required academic qualifications as specified in the Technical Memorandum, but had sufficient years of relevant experience as per part (a) of Table 1 (with Notes) below, attended top-up training courses organized by Vocational Training Council (VTC) or the Construction Industry Council Training Academy (CICTA) (formerly the Construction Industry Training Authority (CITA)) and acquired an Equivalent Certificate would be accepted to possess equivalent qualifications as specified in the Technical Memorandum on a permanent basis. He can be appointed as TCP of grade T3 to T1 in the respective streams in accordance with part (a) of Table 2 below.</p> <p>2. As the industry has raised that there is shortage in the supply of TCP T1, there is a need for organizing a "Technically Competent Person T1 Training Course", similar to previous top-up courses, to enhance the technical ability of site supervisory personnel working in the industry but do not meet the required academic qualifications as specified in the Technical Memorandum, so that they can perform the duties of TCP T1. A person who has relevant prior experience of not less than 5 years is eligible to attend the "Technically Competent Person T1 Training Course" offered by the HK Institute of Vocational Education (HKIVE) or the Construction Industry Council Training Academy (CICTA) and upon acquiring the "TCP T1 Certificate" will be accepted to possess equivalent qualifications required for a TCP T1 on a permanent basis. He may be appointed as TCP of grade T1 in accordance with part (b) of Table 1 (with Notes) and Table 2 below.</p> <p>Legends:  - Re-arranged paragraph number/table number  - Deleted paragraph</p>	<p>Recognition for Technical Competent Persons (TCP) based on membership of particular professional institutes is repealed.</p>
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<p>6 (Con't.)</p>	<p>Appendix X</p>	<p>3(b)(ii) With the introduction of minor works as a type of building works different from the major works in the Technical Memorandum, to facilitate site supervisory personnel working in the industry who do not meet the required academic qualifications as specified in the Technical Memorandum but would like to continue their current role to supervise minor works only, if they have relevant prior experience of not less than 5 years, they would be eligible to attend the "Technically Competent Person T1 (Minor Works) Training Course" offered by the HKIVE or the CICTA and upon acquiring the "TCP T1 (Minor Works) Certificate" will be accepted to possess equivalent qualifications required for a TCP T1 for supervision of minor works only on a permanent basis. Any such person may be appointed as TCP of grade T1 for supervision of minor works only in accordance with part (b) of Table 3 (with Notes) and Table 4 below.</p>	<p>3 With the introduction of minor works as a type of building works different from the major works in the Technical Memorandum, to facilitate site supervisory personnel working in the industry who do not meet the required academic qualifications as specified in the Technical Memorandum but would like to continue their current role to supervise minor works only, if they have relevant prior experience of not less than 5 years, they would be eligible to attend the "Technically Competent Person T1 (Minor Works) Training Course" offered by the HKIVE or the CICTA and upon acquiring the "TCP T1 (Minor Works) Certificate" will be accepted to possess equivalent qualifications required for a TCP T1 for supervision of minor works only on a permanent basis. Any such person may be appointed as TCP of grade T1 for supervision of minor works only in accordance with part (b) of Table 1 (with Notes) and Table 2 below.</p> <p>Legends: 3 - Re-arranged paragraph number/ table number</p>	
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Appendix X

Table 3				
(a) The Equivalent Certificate acquired in the top-up training course organized by VTC or CITA for TCP T3 to T1				
Topping-up Training Courses to be completed		Certificates Awarded	Relevant Working Experience (counted in full)	Grades of TCP for types of works in Table 4
Module No.	Subject			
Module 3	Construction Supervision (I)	Equivalent Certificate (1)	5 ¹	T1
Module 4	Construction Supervision (II)			
Module 3	Construction Supervision (I)			
Module 4	Construction Supervision (II)	Equivalent Certificate (2)	8 ²	T2 ⁴
Module 5.1	Specialist Works (Demolition) ⁴			
Module 5.2	Specialist Works (Foundation) ⁴			
Module 5.3	Specialist Works (Site Formation & Slope Repairs) ⁴			
Module 3	Construction Supervision (I)	Equivalent Certificate (3)	12 ³	T3 ⁵
Module 4	Construction Supervision (II)			
Module 6.1	Introduction to Specialist Works			
Module 6.2	Administration and Management			
(b) The certificate acquired in the TCP T1 or TCP T1 (Minor Works) Training Course organized by HKIVE or CICTA				
(i)	Technically Competent Person T1 Training Course	TCP T1 Certificate	5 ⁶	T1
(ii)	Technically Competent Person T1 (Minor Works) Training Course	TCP T1 (Minor Works) Certificate	5 ⁶	T1 (Minor Works)

- Notes: ¹ 5 years relevant working experience must have been gained within the previous 8 years and at least 1 year must be local site experience.
- ² 8 years relevant working experience must have been gained within the previous 11 years and at least 1 year must be local site experience.
- ³ 12 years relevant working experience must have been gained within the previous 15 years and at least 1 year must be local site experience.
- ⁴ A TCP T2 can only supervise the type of specialist works (Demolition works, Foundation works, or Site Formation & Slope Repair Works) when he has duly completed the training module in the Module 5 series corresponding to the specialist works and obtained the relevant certificate.
- ⁵ If a TCP T3 wishes to take up duties of any of the T2 specialist works mentioned in Note 4, he must also complete the training module corresponding to the specialist works and obtain the Equivalent Certificate (2).
- ⁶ 5 years relevant working experience must have been gained within the previous 8 years and at least 1 year must be local site experience. For GIFW, relevant experience shall be confined to GI works only.

Table 1				
(a) The Equivalent Certificate acquired in the top-up training course organized by VTC or CITA for TCP T3 to T1				
Topping-up Training Courses to be completed		Certificates Awarded	Relevant Working Experience (counted in full)	Grades of TCP for types of works in Table 2
Module No.	Subject			
Module 3	Construction Supervision (I)	Equivalent Certificate (1)	5 ¹	T1
Module 4	Construction Supervision (II)			
Module 3	Construction Supervision (I)			
Module 4	Construction Supervision (II)	Equivalent Certificate (2)	8 ²	T2 ⁴
Module 5.1	Specialist Works (Demolition) ⁴			
Module 5.2	Specialist Works (Foundation) ⁴			
Module 5.3	Specialist Works (Site Formation & Slope Repairs) ⁴			
Module 3	Construction Supervision (I)	Equivalent Certificate (3)	12 ³	T3 ⁵
Module 4	Construction Supervision (II)			
Module 6.1	Introduction to Specialist Works			
Module 6.2	Administration and Management			
(b) The certificate acquired in the TCP T1 or TCP T1 (Minor Works) Training Course organized by HKIVE or CICTA				
(i)	Technically Competent Person T1 Training Course	TCP T1 Certificate	5 ⁶	T1
(ii)	Technically Competent Person T1 (Minor Works) Training Course	TCP T1 (Minor Works) Certificate	5 ⁶	T1 (Minor Works)

- Notes: ¹ 5 years relevant working experience must have been gained within the previous 8 years and at least 1 year must be local site experience.
- ² 8 years relevant working experience must have been gained within the previous 11 years and at least 1 year must be local site experience.
- ³ 12 years relevant working experience must have been gained within the previous 15 years and at least 1 year must be local site experience.
- ⁴ A TCP T2 can only supervise the type of specialist works (Demolition works, Foundation works, or Site Formation & Slope Repair Works) when he has duly completed the training module in the Module 5 series corresponding to the specialist works and obtained the relevant certificate.
- ⁵ If a TCP T3 wishes to take up duties of any of the T2 specialist works mentioned in Note 4, he must also complete the training module corresponding to the specialist works and obtain the Equivalent Certificate (2).
- ⁶ 5 years relevant working experience must have been gained within the previous 8 years and at least 1 year must be local site experience. For GIFW, relevant experience shall be confined to GI works only.

Legends: - Re-arranged table number

6
(Con't.)

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Table 4							
(a) Eligibility of site supervisory personnel as TCP T3 to T1, with Equivalent Certificate in top-up training course, organized by VTC or CITA						(b) Eligibility of site supervisory personnel as TCP T1 or TCP T1 (Minor Works), with certificate in the training course, organized by HKIVE or CICTA	
						(i) TCP T1 Certificate	(ii) TCP T1 (Minor Works) Certificate
Type of Building Works or Street Works	TCP T3 in AP's Stream	TCP T3 in RSE's Stream	TCP T3 in RGE's Stream	TCP T3 in RC's Stream	TCP T2 to T1 in RC's Stream	TCP T1 in RC's Stream	TCP T1 (Minor Works) in RC's Stream
GIFW	No	N/A	No	N/A	No	Yes	No
Building Works with significant geotechnical content	No	No	No	N/A	Yes	Yes	No
Foundation Works	No	No	N/A	N/A	Yes	Yes	No
Street Works or all Building Works (other than the above types of works and Minor Works)	Yes	Yes	N/A	Yes	Yes	Yes	No
Class I Minor Works	Yes	Yes	N/A	Yes	Yes	Yes	Yes

Table 2							
(a) Eligibility of site supervisory personnel as TCP T3 to T1, with Equivalent Certificate in top-up training course, organized by VTC or CITA						(b) Eligibility of site supervisory personnel as TCP T1 or TCP T1 (Minor Works), with certificate in the training course, organized by HKIVE or CICTA	
						(i) TCP T1 Certificate	(ii) TCP T1 (Minor Works) Certificate
Type of Building Works or Street Works	TCP T3 in AP's Stream	TCP T3 in RSE's Stream	TCP T3 in RGE's Stream	TCP T3 in RC's Stream	TCP T2 to T1 in RC's Stream	TCP T1 in RC's Stream	TCP T1 (Minor Works) in RC's Stream
GIFW	No	N/A	No	N/A	No	Yes	No
Building Works with significant geotechnical content	No	No	No	N/A	Yes	Yes	No
Foundation Works	No	No	N/A	N/A	Yes	Yes	No
Street Works or all Building Works (other than the above types of works and Minor Works)	Yes	Yes	N/A	Yes	Yes	Yes	No
Class I Minor Works	Yes	Yes	N/A	Yes	Yes	Yes	Yes

Legends: - Re-arranged table number

6 (Con't.)	Appendix X	<div>4. A person who is an Affiliate (Site Supervision) of the Hong Kong Institute of Architects (HKIA) may be appointed as TCP of grade T3 in accordance with Table 5 below, provided that he has the required relevant working experience.</div> <div><table><tr><th colspan="3">Table 5</th></tr><tr><th colspan="3">Eligibility of HKIA Affiliate (Site Supervision) as TCP T3 with 2 years of post Affiliate experience (with academic background in architectural or building construction related studies)</th></tr><tr><th>Type of Building Works or Street Works</th><th>TCP T3 in AP's Stream</th><th>TCP T3 in RC's Stream</th></tr><tr><td>GIFW</td><td>Yes</td><td>N/A</td></tr><tr><td>Building Works with significant geotechnical content</td><td>Yes</td><td>N/A</td></tr><tr><td>Foundation Works</td><td>Yes</td><td>N/A</td></tr><tr><td>Street Works or all Building Works (other than the above types of works and Minor Works)</td><td>Yes</td><td>Yes</td></tr><tr><td>Class I Minor Works</td><td>Yes</td><td>Yes</td></tr></table></div>	Table 5			Eligibility of HKIA Affiliate (Site Supervision) as TCP T3 with 2 years of post Affiliate experience (with academic background in architectural or building construction related studies)			Type of Building Works or Street Works	TCP T3 in AP's Stream	TCP T3 in RC's Stream	GIFW	Yes	N/A	Building Works with significant geotechnical content	Yes	N/A	Foundation Works	Yes	N/A	Street Works or all Building Works (other than the above types of works and Minor Works)	Yes	Yes	Class I Minor Works	Yes	Yes	<div><div></div><div></div></div> <div>Legends: <div></div> - Deleted paragraph/ table</div>	Recognition for Technical Competent Persons (TCP) based on membership of particular professional institutes is repealed.
Table 5																												
Eligibility of HKIA Affiliate (Site Supervision) as TCP T3 with 2 years of post Affiliate experience (with academic background in architectural or building construction related studies)																												
Type of Building Works or Street Works	TCP T3 in AP's Stream	TCP T3 in RC's Stream																										
GIFW	Yes	N/A																										
Building Works with significant geotechnical content	Yes	N/A																										
Foundation Works	Yes	N/A																										
Street Works or all Building Works (other than the above types of works and Minor Works)	Yes	Yes																										
Class I Minor Works	Yes	Yes																										

6
(Con't.)


Appendix X

5. A person who is a member in the building or civil engineering disciplines of the Hong Kong Institute of Construction Managers (HKICM) may be appointed as TCP of grades T4 to T1 in accordance with Table 6 (with Notes) below, provided that he has the required relevant working experience.

Table 6				
Eligibility of Member of HKICM as TCP T4 to T1 (with academic background in building or civil engineering)				
Type of Building Works or Street Works	RC's Stream			
	Construction Supervisor Member as TCP T1	Associate as TCP T2	Associate as TCP T3	Corporate Member as TCP T4
GIFW	No	N/A	N/A	No
Building Works with significant geotechnical content	Civil	Civil	N/A	Civil
Foundation Works	Building (except for piling works) or Civil	Building (except for piling works) or Civil	N/A	Building (except for piling works) or Civil
Street Works or all Building Works, (other than the above types of works and Minor Works)	Building or Civil	N/A	Building or Civil	Building or Civil
Class I Minor Works	Building or Civil	N/A	Building or Civil	N/A

Notes: The above recognition is based on the following entrance requirements for the various classes of membership of HKICM:

- (i) Construction Supervisor Members, who have attained the academic and working experience requirements as stipulated in section 2.4.2 and 6.4 of HKICM's Membership Handbook (June 2005);
- (ii) Associates, who have attained the academic and working experience requirements as stipulated in section 2.3.2, 6.1.3, 6.1.4, 6.2.3 and 6.2.4 of HKICM's Membership Handbook (June 2005); and
- (iii) Corporate Members, who have fulfilled the academic requirements and have had post qualification professional experience as stipulated in section 2.2.2.1, 6.1.1, 6.1.2, 6.2.1 and 6.2.2 of HKICM's Membership Handbook (June 2005).
(Only the degree programmes listed in section 6.1.2 and 6.2.2 of HKICM's Membership Handbook (June 2005) tally with the academic requirements in paragraph 8.19(c) and Table 8.7 of this Code.)

Legends:  - Deleted paragraph/ table

Recognition for Technical Competent Persons (TCP) based on membership of particular professional institutes is repealed.

6
(Con't.)


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6. A person who is a corporate member or fellow of the Institute of Clerks of Works and Construction Inspectorate (Hong Kong) (formerly Institute of Clerks of Works of Great Britain Incorporated (Hong Kong Branch)) in the civil/structural engineering or building/architectural studies disciplines may be appointed as TCP of grade T3 in accordance with Table 7 and Table 8 (with Notes) below, provided that he has the required relevant working experience.

Table 7		
Eligibility of Corporate Member or Fellow of the Institute of Clerks of Works and Construction Inspectorate (Hong Kong) as TCP T3 with 3 years of post-qualification experience (with academic background in civil/structural engineering or building/architectural studies)		
Type of Building Works or Street Works	TCP T3 in AP's Stream	TCP T3 in RC's Stream
GIFW	Yes	N/A
Building Works with significant geotechnical content	Yes	N/A
Foundation Works	Yes	N/A
Street Works or all Building Works (other than the above types of works and Minor Works)	Yes	Yes
Class 1 Minor Works	Yes	Yes

Table 8	
Eligibility of Corporate Member or Fellow of the Institute of Clerks of Works and Construction Inspectorate (Hong Kong) as TCP T3 with 3 years of post-qualification experience (with academic background in civil/structural engineering)	
Type of Building Works or Street Works	TCP T3 in RSE's Stream
GIFW	N/A
Building Works with significant geotechnical content	Yes
Foundation Works	Yes
Street Works or all Building Works (other than the above types of works and Minor Works)	Yes
Class 1 Minor Works	Yes

- Notes: The above recognition is based on the admission of corporate member or fellow of the Institute of Clerks of Works and Construction Inspectorate (Hong Kong) in the civil/structural or building/architectural studies disciplines by exemption through associated professional institutes which is limited to the following qualifications:
- (i) Associate Member of the Chartered Institute of Building in the construction management disciplines;
 - (ii) Corporate Member of the Institution of Civil Engineers;
 - (iii) Corporate Member of the Institution of Structural Engineers;
 - (iv) Corporate Member of the Royal Institute of British Architects; and
 - (v) Corporate Member of the Royal Institution of Chartered Surveyors in the building surveying discipline.

Legends:  - Deleted paragraph/ table

Recognition for Technical Competent Persons (TCP) based on membership of particular professional institutes is repealed.

Appendix X



7. The course of "Higher Diploma in Construction Engineering and Management", offered by Department of Construction in HK Institute of Vocational Education (HKIVE), is recognised to be an acceptable academic qualification equivalent to a higher diploma in building studies under the Supervision Plan System in accordance with the Code.

8. A person who is a Technical Associate in the building surveying division of the Hong Kong Institute of Surveyors (HKIS) may be appointed as TCP of grade T3 in accordance with Table 9 below, provided that he has the required relevant working experience.

Table 9		
Eligibility of Technical Associate in Building Surveying Division of HKIS as TCP T3 with 3 years of post-qualification experience		
Type of Building Works or Street Works	TCP T3 in AP's Stream	TCP T3 in RC's Stream
GIFW	Yes	N/A
Building Works with significant geotechnical content	Yes	N/A
Foundation Works	Yes	N/A
Street Works or all Building Works (other than the above types of works and Minor Works)	Yes	Yes
Class I Minor Works	Yes	Yes

9. The course of "Higher Diploma in Urban Renewal, Building Inspection and Maintenance" and "Higher Diploma in Architectural Design and Technology", offered by Department of Construction in HK Institute of Vocational Education (HKIVE), are considered to be equivalent to a higher diploma in building studies and architectural studies disciplines respectively; and can be recognised as an acceptable academic qualification fulfilling the minimum qualifications for TCP T3 for site supervision, only for the streams of AP and RC, as stipulated in the Technical Memorandum and under paragraph 8.20 of the Code.

4. A person, who holds a relevant degree and with not less than one year relevant experience, attended / passed the "Top-up course for TCP T3 on GIFW and Building Works with Significant Geotechnical Content", which is run by the Hong Kong Polytechnic University or the University of Hong Kong, is accepted to possess equivalent qualification as that in the Technical Memorandum for TCP T3.

Legends:  - Deleted paragraph/ table
 - New Paragraph

Recognition for Technical Competent Persons (TCP) based on membership of particular professional institutes is repealed.

A list showing the latest courses which are recognized as acceptable academic qualifications under the Code is provided in PNAP and PNRC.

To clarify the details of the specified geotechnical top-up course as mentioned in Table 8.6.