#### **Code of Practice for Site Supervision 2009**

The Buildings Department (BD) has set up a Technical Committee (TC) to, among others, collect and consider the views and feedback from the building industry arising from the use of the Code of Practice for Site Supervision 2009 (Supervision Code). Taking into account the advice of the TC, amendments were made and promulgated through circular letters between 2015 and 2021 which were incorporated into the Supervision Code (2021 Edition). Further amendments to the Supervision Code (2021 Edition) at Appendices A and B have been promulgated, and the Supervision Code (2024 Edition) incorporating all the amendments has been uploaded to BD website www.bd.gov.hk:

- (a) Appendix A December 2023
- (b) Appendix B August 2024

#### **Temporary Works Providing Support to Tower Cranes**

2. To enhance the control on temporary works providing support to tower cranes at construction sites, in addition to the requirements for temporary works stipulated in paragraph 4.9 of the Supervision Code (2021 Edition), the registered general building contractors/registered specialist contractors are required to appoint a design engineer to prepare plans, construction drawings and design justifications of the temporary works, and an independent checking engineer to check these documents in compliance with the Buildings Ordinance, the regulations made thereunder and the relevant codes of practice. These requirements apply to all development projects with the specified Form BA 10 submitted on or after 1 November 2024. The soft copies of relevant certification forms TW1, TW2 and TW3 are available in BD website 1.

#### **Academic Courses Recognised as Acceptable Qualifications**

3. The required professional/academic qualifications and experience of technically competent persons (TCPs) are set out in paragraphs 8.18 to 8.24 of the Supervision Code (2021 Edition). In the past years, some courses organised by both local and non-local institutes or universities have also been accepted as equivalent academic qualifications under the Supervision Code (2021 Edition). As a ready reference to the practitioners, a list showing the accepted academic qualifications containing courses previously accepted by BD for TCPs' registration/appointment pursuant to the Supervision Code (2021 Edition) has been uploaded to BD website<sup>2</sup>.

/4...

https://www.bd.gov.hk/en/resources/codes-and-references/practice-notes-and-circular-letters/pnap/app/app157.html

<sup>&</sup>lt;sup>2</sup> https://www.bd.gov.hk/en/resources/online-tools/accepted-academic-qualifications-tcps/index.html

#### **Repeal of Corresponding Recognition**

- 4. The corresponding recognition for TCP as set out in Appendix X of the Supervision Code which was based on the membership of particular professional institutions was repealed via the circular letter on 8 May 2015. The appendix is given in Appendix C for reference.
- 5. Members of these professional institutions previously accepted to practise as TCPs may continue to practise as TCPs subject to evidence demonstrating the previous recognition of their TCP qualifications being provided to BD upon the submission of the supervision plans.
- 6. A similar practice note has been issued to registered contractors.

( YU Po-mei, Clarice ) Building Authority

Ref.: BD GR/1-50/82/1 (V)

First issue May 2015 Last revision December 2023

This revision August 2024 (AD/NB2) (General revision)

Appendix A (PNAP APP-157)

# Amendments to the Code of Practice for Site Supervision 2009 (2021 Edition) (December 2023)

## Legends:



(12/2023)

2021 Edition	Amendments
Table 8 1	Table 9.1

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	750m <sup>2</sup>					
GIFW	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 <sup>1#</sup>	\$30M					
repair of slope/retaining wall/buried services	total cost#	\$9M					
excavation & lateral support	average cost per month#	\$6M					
pile wall	average cost per month#	\$6M					
tunnel works	total cost#	\$35M					
large diameter bored piles and barrette piles	average cost per month#	\$14M					
piles other than the above types of pile	average cost per month#	\$7M					
cap/footing/basement	total cost#	\$35M					
superstructure	total construction floor area	20000m <sup>2</sup>					
curtain wall/cladding	total aggregated surface area	10000m <sup>2</sup>					
alteration & addition	total cost#	\$13M					
minor works	total cost#	\$8M					
street works	total cost#	\$9M					

	Table 8.1	.5					
	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	750m <sup>2</sup>					
GIFW	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#	\$ <mark>40</mark> M					
repair of slope/retaining wall/buried services	total cost#	\$ <mark>12</mark> M					
excavation & lateral support	average cost per month#	\$ <mark>8</mark> M					
pile wall	average cost per month#	\$ <mark>8</mark> M					
tunnel works	total cost#	\$ <mark>47</mark> M					
large diameter bored piles and barrette piles	average cost per month#	\$ <mark>19</mark> M					
piles other than the above types of pile	average cost per month#	\$ <mark>_9.5</mark> M					
cap/footing/basement	total cost#	\$ <mark>47</mark> M					
superstructure	total construction floor area	20000m <sup>2</sup>					
curtain wall/cladding	total aggregated surface area	$10000 \mathrm{m}^2$					
alteration & addition	total cost#	\$ 17.5M					
minor works	total cost#	\$ 11M					
street works	total cost#	\$ 12M					

	2021 Edition			Amendments	
Minimur Type of	Table 8.7 n Qualifications and Experience F RC' Strea		4	Table 8.7 n Qualifications and Experience F	•
Building works or Street Works	Qualification	Relevant Experience	Type of Building works or Street Works	RC' Stream Qualification	Relevant Experience
Foundation works	(a) Degree in civil/structural/ geotechnical engineering; or (b) Degree in building studies (except for piling works); or (c) Registered professional engineer (Civil/structural or geotechnical).	4 years 4 years -	Foundation works	(a) Degree in civil/structural/ geotechnical engineering; or (b) Degree in building studies (except for piling works); or (c) Registered professional engineer (Civil/structural or geotechnical); or (d) Registered professional engineer (building) (except for piling works).	4 years 4 years -

			2021 Edition				Amendments
8.22	Unles	s otherwise spec	eified, the total relevant working experience of	8.22	Unles	ss otherwise spec	ified, the total relevant working experience of
	differe	ent grades of TCI	P should be aggregated as follows:		differ	ent grades of TCF	should be aggregated as follows:
	(a)	for T1 -	The relevant experience must have been gained		(a)	for T1 -	The relevant experience must have been gained
			within the previous 5 years and at least 1 year				within the previous 5 years and at least 1 year
			must be local site experience.				must be local <sup>2</sup> site experience.
	(b)	for T2 -	Similar to T1 but the experience must be closely		(b)	for T2	Similar to T1 but the experience must be closely
			related to the type of works concerned.				related to the type of works concerned.
	(c)	for T3	The relevant experience must have been gained		(c)	for T3	The relevant experience must have been gained
			within the previous 8 years and at least 1 year				within the previous 8 years and at least 1 year
			must be local experience.				must be local <sup>2</sup> experience.
	(d)	for T4 and T5 -	The relevant experience must have been gained		(d)	for T4 and T5 -	The relevant experience must have been gained
			within the previous 8 years and at least 1 year				within the previous 8 years and at least 1 year
			must be local experience.				must be local <sup>2</sup> experience.
					*****		
				2	recogn	nised as local expe	xperience gained from factories outside Hong Kong may be rience, provided that such qualified supervisions are
					require	ements and conditions	s imposed under the BO upon plan approval.

2021 Edition								Ame	endments	}	
					Page 2 of 7						Page 2 of
	Name in English^	Name in Chinese^	I.D. No.^/AP Registration No.**/ TCP No.**	Expiry Date of AP Registration~/TCP Validity Period~ (if applicable)	Frequency		Name in English^	Name in Chinese^	I.D. No.^/Passpoon No.^/AP Registration No.**/ TCP No.*	Expiry Date of AP Registration TCP Validity Period (if applicable)	Frequency
AP						AP					
Representative						Representative	;				
T4						T4					
Т3						Т3					
orovided.  An accordance with the CV is not require accordance with the CV is not require accordance with the CV is not require accordance.	th the Hong Kong ed if AP Registra th the registration	Identity Card tion No./TCP N / inclusion reco	record No. is provided ord	tion of their responsib		provided.  ^ In accordance ** CV is not req - In accordance	with the Hong I uired if AP Regis with the registra	Cong Identity C stration No./TC ation / inclusion	ard record / Passpor P No. is provided record		
<ol><li>The TCF are:</li></ol>	Ps for site super	rvision under	the AP's stream	during critical stage	s of the works	6. The T	CPs for site su	pervision und	er the AP's stream	n during critical stage	es of the work
Critical Stages of	Works Grade TCP	(I.D Registrat		Expiry Date of AP Registration~/ TCP Validity Period~ (if applicable)	Inspection Frequency	Critical Stag Works	es of Grade of TCP	(I.D. No. AP Re	Name#^ ^ / <mark>Passport No. ^</mark> gistration No.** CP No.**)	Expiry Date of AP Registration / TCP Validity Period (if applicable)	Inspection Frequency
different from those ^ In accordance with ** CV is not require ~ In accordance with 7. I (name is certify that Part I the Technical Mc Regulations. I h	e listed in paragra th the Hong Kong ed if AP Registra th the registration in full) (paragraphs 3 to emorandum, th nave also read a	ph 5 above Identity Card tion No./TCP 1 / inclusion reco	record  No. is provided  ord ( pervision plan is the requirements onfirm paragraph	Chinese)	, AP, complied with Ordinance and eamble of this	different fron A In accordance ** CV is not reg In accordance 7. I (nan certify that Par the Technical Regulations.	those listed in p with the Hong I uired if AP Regis with the registra ie in full)  I (paragraphs Memorandum, I have also rea	aragraph 5 abo Cong Identity C stration No./TC ation / inclusion  3 to 6) of this the Code and d and hereby	ve ard record Passpo P No. is provided record supervision plan i d the requiremen confirm paragrap	(Chinese) is prepared by me and its of the Buildings ohs 1 and 2 in the Pi	, AI I complied wit Ordinance an reamble of thi
supervision plan.	Confirmation	for appointr	ment and contact	information of TC	Ps (Annex) is					ct information of TO	
				vithin 7 days from						within 7 days from	
	of works as indi	icated in the	Form BA10 or n	notice of commencer	ment of minor		of works as i	ndicated in th	ne Form BA10 or	notice of commence	ement of mino
works*.						works*.	te				
Date			Any	Signature false certification or ubject to legal action	declaration may	De			Aı	Signature ny false certification or subject to legal action	
	C	Certificate of F	Registration No. :					Certificate o	f Registration No.	:	
			y of registration :			1		Data of our	oiry of registration		

	2021 Edition								Ame	endments		
					Page 3 of 7							Page 3 c
Part II - Supervi	sion plan of th	e registered s	tructural engine	er (RSE)		Part	II - Super	vision plan of t	he registered	l structural engine	er (RSE)	
				I of this supervision attached at Appendix		8. adjus			• 1	•	I of this supervision	
. The TCI works are :	Ps for site supe	rvision under	the RSE's stream	n required for the sp	ecified type of	9. works		CPs for site sup	pervision und	er the RSE's stream	n required for the sp	pecified type
	Name in English^	Name in Chinese^	I.D. No.^/RSE Registration No.**/ TCP No.**	Expiry Date of RSE Registration <sup>~</sup> / TCP Validity Period <sup>~</sup> (if applicable)	Frequency Level of Site Inspection			Name in English^	Name in Chinese^	I.D. No.^/ Passport No. ^ / RSE Registration No.**/ TCP No.**	Expiry Date of RSE Registration / TCP Validity Period (if applicable)	Frequency Level of Site Inspection
RSE							RSE					
Representative						Repr	esentative					
T5							T5					
Т3							Т3					
	ervisor is proposed the Hong Kong	sed for a TCP g Identity Card ration No./TCF	post, the demarca	ons are attached at Aption of their responsib		more provid ^ In ** CV	than one si led. accordance is not requ	upervisor is prop	ong Identity C	CP post, the demarca fard record / Passport CP No. is provided	ons are attached at A tion of their respons	
0. The TCF re:	es for site super	rvision under	the RSE's stream	during critical stage	es of the works	10. are:	The To	CPs for site sup	ervision unde	er the RSE's stream	during critical stag	es of the wo
Critical Stages of	Works Grade TCF	RSE Reg		Expiry Date of RSE Registration / TCP Validity Period (if applicable)	Inspection Frequency	Cri	tical Stage Works	s of Grade o	(I.D. No./ RSE Re		Expiry Date of RSE Registration / TCP Validity Period (if applicable)	Inspection Frequency
ifferent from those		aph 9 above		cluded in Appendix 2	B if the TCP is	dif	ferent from accordance	those listed in pa with the Hong K	ragraph 9 abo ong Identity C		cluded in Appendix 2	B if the TCF

		2021	Edition		Amendments	
					Page 4 of 7	Page 4 of
11. I (name in t	/	10) - 641 :		Chinese)	, RSE,	11. I (name in full) (Chinese), RSE certify that Part II (paragraphs 8 to 10) of this supervision plan is prepared by me and complied with
certify that Part II (p						
the Technical Mem						the Technical Memorandum, the Code and the requirements of the Buildings Ordinance and
Regulations. I hav			1 0 1			Regulations. I have also read and hereby confirm paragraphs 1 and 2 in the Preamble of thi
supervision plan.						supervision plan. Confirmation for appointment and contact information of TCPs (Annex) i
submitted with thi				-		submitted with this supervision plan/shall be submitted within 7 days from the date o
commencement of	works as indic	cated in the	Form BA10 or n	notice of commence	ment of minor	commencement of works as indicated in the Form BA10 or notice of commencement of mino
works*.						works*.
Date						Date
				Signature false certification or out to legal action	leclaration may	Signature Any false certification or declaration may be subject to legal action
	Ce	ertificate of R	egistration No.:			Certificate of Registration No. :
	D	Date of expiry	of registration:			Date of expiry of registration :
Part III - Supervisi	ion plan of the	e registered g	geotechnical eng	ineer (RGE)		Part III - Supervision plan of the registered geotechnical engineer (RGE)
		•	*	I of this supervision ttached at Appendix	•	12. In accordance with the type of works specified in Part I of this supervision plan, details o adjustment/combination of supervision resources (Form C) are attached at Appendix 3A.*
adjustment/combina	ation of supervi	ision resource	es (Form C) are a		3A.*	
adjustment/combina	ation of supervi	ision resource	es (Form C) are a	ttached at Appendix	3A.*	adjustment/combination of supervision resources (Form C) are attached at Appendix 3A.*  13. The TCPs for site supervision under the RGE's stream required for the specified type of
adjustment/combina	for site superv	vision resource	ss (Form C) are a the RGE's stream I.D. No.^/RGE Registration No.**/	expiry Date of RGE Registration*/TCP Validity Period*	3A.* ecified type of  Frequency Level of Site	adjustment/combination of supervision resources (Form C) are attached at Appendix 3A.*  13. The TCPs for site supervision under the RGE's stream required for the specified type o works are:    Name in   Name in   LD. No.^/  Passport No.^/  RGE Registration / TCP   Level of Site   No.**/ Validity Period   Inspection   Inspection
adjustment/combina  13. The TCPs works are :	for site superv	vision resource	ss (Form C) are a the RGE's stream I.D. No.^/RGE Registration No.**/	expiry Date of RGE Registration*/TCP Validity Period*	3A.* ecified type of  Frequency Level of Site	adjustment/combination of supervision resources (Form C) are attached at Appendix 3A.*  13. The TCPs for site supervision under the RGE's stream required for the specified type o works are:    Name in
adjustment/combina  13. The TCPs works are :	for site superv	vision resource	ss (Form C) are a the RGE's stream I.D. No.^/RGE Registration No.**/	expiry Date of RGE Registration*/TCP Validity Period*	3A.* ecified type of  Frequency Level of Site	adjustment/combination of supervision resources (Form C) are attached at Appendix 3A.*  13. The TCPs for site supervision under the RGE's stream required for the specified type of works are:    Name in
adjustment/combina  13. The TCPs works are :  RGE  Representative	for site superv	vision resource	ss (Form C) are a the RGE's stream I.D. No.^/RGE Registration No.**/	expiry Date of RGE Registration*/TCP Validity Period*	3A.* ecified type of  Frequency Level of Site	adjustment/combination of supervision resources (Form C) are attached at Appendix 3A.*  13. The TCPs for site supervision under the RGE's stream required for the specified type of works are:    Name in
adjustment/combina  13. The TCPs works are :  RGE Representative T5	for site superv	vision resource	ss (Form C) are a the RGE's stream I.D. No.^/RGE Registration No.**/	expiry Date of RGE Registration*/TCP Validity Period*	3A.* ecified type of  Frequency Level of Site	adjustment/combination of supervision resources (Form C) are attached at Appendix 3A.*  13. The TCPs for site supervision under the RGE's stream required for the specified type of works are:    Name in
adjustment/combina  13. The TCPs works are :  RGE Representative T5	for site superv	vision resource	ss (Form C) are a the RGE's stream I.D. No.^/RGE Registration No.**/	expiry Date of RGE Registration*/TCP Validity Period*	3A.* ecified type of  Frequency Level of Site	adjustment/combination of supervision resources (Form C) are attached at Appendix 3A.*  13. The TCPs for site supervision under the RGE's stream required for the specified type of works are:    Name in
adjustment/combina  13. The TCPs works are:  RGE Representative T5 T3	for site supervi	Name in Chinese^	s. (Form C) are a the RGE's stream LD. No,^/RGE Registration No,**/ TCP No,**	trached at Appendix n required for the sp  Expiry Date of RGE Registration*/TCP Validity Period* (if applicable)	3A.*  ecified type of  Frequency Level of Site Inspection	adjustment/combination of supervision resources (Form C) are attached at Appendix 3A.*  13. The TCPs for site supervision under the RGE's stream required for the specified type of works are:    Name in

2021 Edition	Amendments
Page 5 of 7	Page 5 of 7
14. The TCPs for site supervision under the RGE's stream during critical stages of the works are :	14. The TCPs for site supervision under the RGE's stream during critical stages of the works are:
Critical Stages of Works  Grade of TCP  RGE Registration No.**/ TCP No.**  Rame#^ Expiry Date of RGE Registration / TCP Validity Period (if applicable)  Inspection Frequency	Critical Stages of Works  Grade of TCP  (I.D. No.^/Passport No.^/ Validity Period (if applicable)  Expiry Date of RGE Registration / TCP Validity Period (if applicable)  Inspection Frequency
# CV showing relevant qualifications and experience need to be included in Appendix 3B if the TCP is different from those listed in paragraph 13 above ^ In accordance with the Hong Kong Identity Card record ** CV is not required if RGE Registration No./TCP No. is provided ~ In accordance with the registration / inclusion record	# CV showing relevant qualifications and experience need to be included in Appendix 3B if the TCP is different from those listed in paragraph 13 above  ^ In accordance with the Hong Kong Identity Card record/Passport record  ** CV is not required if RGE Registration No./TCP No. is provided  In accordance with the registration / inclusion record
15. I (name in full)	15. I (name in full)
DateSignature Any false certification or declaration may be subject to legal action	Date Signature  Any false certification or declaration may be subject to legal action
Certificate of Registration No. :	Certificate of Registration No. :
Date of expiry of registration :	Date of expiry of registration :

2021 Edition						Amendments							
Part IV - Superv	Page 6 of 7 rt IV - Supervision plan of registered contractor (RC)							Page 6 of 7  Part IV - Supervision plan of registered contractor (RC)					
adjustment/combi	nation of superv	ision resource	I of this supervision ttached at Appendix	16. In accordance with the type of works specified in Part I of this supervision plan, detail adjustment/combination of supervision resources (Form C) are attached at Appendix 4A.*					x 4A.*				
17. The TCl works are :	The TCPs for site supervision under the RC's stream required for the specified type of are:						17. The TCPs for site supervision under the RC's stream required for the specified works are :						
	Name in English^	Name in Chinese^	I.D. No.^/ TCP No.**	Expiry Date of TCP Validity Period~ (if applicable)	Frequency Level of Site Inspection		Name in English^	Name in Chinese^	I.D. No.^/ Passport No. ^/ TCP No.**	Expiry Date of TCP Validity Period~ (if applicable)	Frequency Level of Site Inspection		
AS				(a approximate)		AS							
Representative						Representative							
Т5						T5							
T4						T4							
T3/T2*						T3/T2*							
T1						T1							
CP (Logging)*						CP (Logging)*							
more than one sup provided. ^ In accordance wit ** CV is not requir ~ In accordance wit 18. The TCI are:	ervisor is propose  th the Hong Kong  ed if TCP No. is p  the registration  Ps for site super	ed for a TCP (Identity Card) provided / inclusion reco	post, the demarcat record ord the RC's stream	ons are attached at A tion of their responsi during critical stage	es of the works	provided.  ^ In accordance wi ** CV is not require - In accordance wi  18. The TCP are:	th the Hong Ko d if TCP No. is th the registration	ng Identity C provided on / inclusion ervision und	ard record / Passport	record  during critical stag  Expiry Date of TCI	es of the wor		
Critical Stages of	Works Grade TCP	OI (ID No	^/TCP No.**)	Validity Period (if applicable)	Inspection Frequency	Critical Stages of Works	of Grade of TCP	(I.D. No.^	/ Passport No. ^ / CP No.**)	Validity Period (if applicable)	Inspection Frequency		
different from those ^ In accordance wit ** CV is not requir	listed in paragra h the Hong Kong	ph 17 above Identity Card provided	record	cluded in Appendix 4	B if the TCP is	# CV showing rele different from the ^ In accordance wi ** CV is not require ~ In accordance wi	ose listed in par th the Hong Ko d if TCP No. is	agraph 17 abong Identity C provided	ove ard record <mark>/ Passport</mark>	ncluded in Appendix	4B if the TCP		

BD Ref.		Project	9
Type of Works		Date of Commencement of Works	
Name in English/Chinese <sup>1</sup>	Head & Grade of TCP	Frequency Level of Inspection <sup>1</sup>	Signature by Representative/TCP <sup>2,3</sup>
	AP/RSE/RGE/AS*		I
	Representative		
	TCP – T		
	TCP – T		
	TCP – T		
	TCP - T		
submitted to the BA. TC revised supervision plan, w Signature of TCP in this co in other construction sites Registration No. or TCP N	P for critical stage, if any, should be included, rith new TCP's confirmation, to the BA within nfirmation indicates the TCP's acknowledgem. If there is any change subsequently, he sloo, please provide contact information on page	and the frequency level of inspection are the sa. If there is a change of TCP in future, the hen 7 days as per section 8.3 of the Technical Motent of appointment and availability for the job, hould notify his head of stream and the BA. e 2 of this Annex to facilitate communication be inderstood and agreed the notes for "Personal E	and sof respective streams shall submit the emorandum. and he is not overloaded with engagement For those TCPs without AP/RSE/RGE between BD and TCPs.

BD Ref.		Project	
Type of Works		Date of Commencement of Work	s
Name in English/Chinese	Head & Grade of TCP	Frequency Level of Inspection <sup>1</sup>	Signature by Representative/TCP <sup>2,3</sup>
I	Representative		
	TCP – T		
submitted to the BA. To revised supervision plan, Signature of TCP in this c in other construction site Registration No. or TCP Signature of TCP in this of	treams should ensure that the name of the TCP in CP for critical stage, if any, should be included. With new TCP's confirmation, to the BA withing confirmation indicates the TCP's acknowledgements. If there is any change subsequently, he should be should b	If there is a change of TCP in future, the hin 7 days as per section 8.3 of the Technical Material of appointment and availability for the job hould notify his head of stream and the BA. e 2 of this Annex to facilitate communication inderstood and agreed with the notes for "Person of the stream and the stream and the BA.	eads of respective streams shall submit the emorandum.  , and he is not overloaded with engagement  For those TCPs without AP/RSE/RGE between BD and TCPs.  onal Data" attached to this Annex.

				Annex to supervision plan (page 2 of 2
Contact information of	those TCPs			
(for TCPs without AP/R	SE/RGE Registr	ration No. or TCP No.)		
Functional stream: AP /	0			
Name^ in English/Chinese		Correspondence Address	Telephone Number	Email Address
	Representative		11. 12.11.11	
	TCP – T			
1.	TCP – T			
	TCP – T			
	TCP – T			
(a) activities relating to the proce (b) activities relating to the above (c) facilitating communication be 2. It is obligatory for you to provide result in rejection of the application Classes of Transferees 3. The personal data you provided to paragraph 1 above. Access to Personal Data 4. You have the right of access and	ssing of your submission proposed building work tween the Buildings Dep e the information as requ on. by means of this Annex	rs; and	a, delay may be caused in p eaux, organisations or any p (Privacy) Ordinance. The l	persons for the purposes mentioned it
	te	Name** of AP/RSE/RGE/AS*	Si	gnature
* Delete if inappropriate	ic	Name of At / RSE/ROE/AS	17.73	Control of the contro

Name^ in English/Chinese	Grade of TCP	Telephone Number	Email Address	Signature by Representative/TCP (Please tick the box below to indicate your consent to be given for the purpose stated in Note 5 on "Personal Data" below)
	Representative			
	TCP – T			
	TCP – T			
	TCP – T			
	TCP – T			
(b) activities relating to the above (c) facilitating communication be 2. It is obligatory for you to provide result in rejection of the application	tween the Buildings De e the information as rec on.	epartment and the TCF quired in the Annex. I	f you fail to provide the required d	lata, delay may be caused in processing of your submission or even ureaux, organisations or any persons for the purposes mentioned in

**Appendix B** (PNAP APP-157)

# Amendments to the Code of Practice for Site Supervision 2009 (2021 Edition) (August 2024)



(8/2024)

20	21 Edition (with amendments till December 2023)	2024 Edition		
3 Ob	ejective and General Principles	3	Objective and General Principles	
	jective		Objective	
3.1 Th: (a) (b) (c) (d) (e) (f) (g) (h)	various types of building works or street works; the deployment of technically competent persons (TCPs) and the combination of their duties; the principles of safety management structure within each functional stream (stream) and the responsibilities and duties of the head, representative and TCPs of each stream; the specific tasks of TCPs in carrying out site supervision; the division of responsibility for temporary works; the qualification and experience requirements for each grade of TCP; the procedures for dealing with non-conformities; and	3.1	This Code sets out and explains:  (a) the procedures for establishing site supervision requirements for various types of building works or street works;  (b) the deployment of technically competent persons (TCPs) and the combination of their duties;  (c) the principles of safety management structure within each functional stream (stream) and the responsibilities and duties of the head, representative and TCPs of each stream;  (d) the specific tasks of TCPs in carrying out site supervision;  (e) the division of responsibility for temporary works;  (f) the qualification and experience requirements for each grade of TCP;  (g) the procedures for dealing with non-conformities and major/serious site incidents relating to building works; and  (h) the procedures for application for inclusion in a list of TCPs (TCP List) for the purposes of the BO.	

<b>2021</b> Edi	ition (with amendments till December 2023)	2024 Edition			
	Table 4.1 Responsibilities and Duties under AP's Stream  AP	Table 4.1  Responsibilities and Duties under AP's Stream  AP			
	Assuming overall responsibilities in the appointment of his  Proposed to the appointment of the appoint	Assuming overall responsibilities in the appointment of his			
	Representative and TCPs.  • Ensuring the full implementation of the supervision plan regarding his own stream.	Representative and TCPs.  • Ensuring the full implementation of the supervision plan regarding his own stream.			
Responsibilities	Overseeing the full implementation of the supervision plan regarding the RC's stream.	Responsibilities  • Overseeing the full implementation of the supervision plan regarding the RC's stream.			
	Establishing an efficient and effective mechanism for dealing with non-conformities.	Establishing an efficient and effective mechanism for dealing with non-conformities.			
	Assessing the scale for each type of works relevant to the project.	Assessing the scale for each type of works relevant to the project.			
	Compiling his own part of the supervision plan.	Compiling his own part of the supervision plan.			
	Coordinating and submitting the supervision plan to the BA.	Coordinating and submitting the supervision plan to the BA.			
	Devising checklists of specific tasks for his TCPs.	Devising checklists of specific tasks for his TCPs.			
Duties	Supervising his Representative and TCPs.	• Supervising his Representative and TCPs.			
	Notifying the BA of any non-conformities which pose an imminent danger, or cause a material concern for safety and the RC fails to rectify.	Notifying the BA and following up any non-conformities which pose an imminent danger, or cause a material concern for safety and the RC fails to rectify, and any major/serious site incidents relating to safety and/or quality of works.			
	Carrying out site inspections as necessary.	Carrying out site inspections as necessary.			
	AP's Representative	AP's Representative			
	Accountable to the AP for the implementation of the AP's supervision plan.	Accountable to the AP for the implementation of the AP's supervision plan.			
Responsibilities	Representing the AP as the formal point of contact in communication with other streams.	Responsibilities  Representing the AP as the formal point of contact in communication with other streams.			
·	Taking overall responsibility to check on site if the safety measures required under supervision plans are implemented.	Taking overall responsibility to check on site if the safety measures required under supervision plans are implemented.			
	Accountable to the AP for the satisfactory execution of the specific tasks, and for the responsibilities of junior TCPs including checking of the essential items for specific tasks provided in this Code.	Accountable to the AP for the satisfactory execution of the specific tasks, and for the responsibilities of junior TCPs including checking of the essential items for specific tasks provided in this Code.			
	Ensuring that the RC's safety management structure complies with the supervision plan.	Ensuring that the RC's safety management structure complies with the supervision plan.			

2021 E	dition (with amendments till December 2023)	2024 Edition		
	Table 4.1 Cont'd		Table 4.1 Cont'd	
	Assisting the AP in carrying out safety management functions.		Assisting the AP in carrying out safety management functions.	
Duties	Coordinating and compiling reports on supervision activities including reports on non-conformity.	Duties	Coordinating and compiling reports on supervision activities including reports on non-conformity.	
	Dealing with non-conformities.		Dealing with non-conformities and site incidents.	
	T4		T4	
	Accountable to the AP, through the AP's Representative, for the implementation of the supervision plan.		Accountable to the AP, through the AP's Representative, for the implementation of the supervision plan.	
Responsibilities	Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	Responsibilities	Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	
	Carrying out specific tasks as per checklist devised by the AP.		Carrying out specific tasks as per checklist devised by the AP.	
Duties	Checking that specified aspects of works comply with approved plans, design requirements and method statements, precautionary and protective measures are in place and followed.	Duties	Checking that specified aspects of works comply with approved plans, design requirements and method statements, precautionary and protective measures are in place and followed.	
•	Dealing with non-conformities by making referral to the AP's Representative and notifying TCPs in other streams.		Dealing with non-conformities and site incidents, making referral to the AP's Representative and notifying TCPs in other streams.	
	T3		T3	
	Accountable to the AP through the AP's Representative.		Accountable to the AP through the AP's Representative.	
Responsibilities	Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	Responsibilities	Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	
	Carrying out specific tasks as per checklist devised by the AP.		Carrying out specific tasks as per checklist devised by the AP.	
	Checking that the works comply with the approved plans (or submitted plans for minor works), method statements, precautionary and protective measures.		Checking that the works comply with the approved plans (or submitted plans for minor works), method statements, precautionary and protective measures.	
Duties	Monitoring the work of the RC's TCPs.	Duties	Monitoring the work of the RC's TCPs.	
	Maintaining on site registers of all relevant site supervision plans together with all reports, documents and correspondence relating to the supervision plan.		Maintaining on site registers of all relevant site supervision plans together with all reports, documents and correspondence relating to the supervision plan.	
	Dealing with non-conformities by making referral to the AP's Representative and notifying TCPs in other streams.		Dealing with non-conformities and site incidents, making referral to the AP's Representative and notifying TCPs in other streams.	

	Table 4.2 Responsibilities and Duties under RSE's Stream			
	RSE			
	Assuming overall responsibilities in the appointment of his Representative and TCPs.			
Responsibilities	Ensuring the full implementation of the supervision plan regarding his own stream.			
Responsibilities	Overseeing the full implementation of the supervision plan regarding the RC's stream.			
	Giving permission to the RC for carrying out temporary works categorised as Case 3 under paragraph 4.9 of this Code.			
	Compiling his own part of the supervision plan.			
	Devising checklists of specific tasks for his TCPs.			
Duties	Supervising his Representative and TCPs.			
	Notifying the AP of any non-conformities which pose an imminen danger, or cause a material concern for safety and the RC fails to rectify.			
	Carrying out site inspections as necessary.			
	RSE's Representative			
	Accountable to the RSE for implementing the RSE's supervision plan.			
	Representing the RSE as the formal point of contact in communication with other streams.			
Responsibilities	Taking overall responsibility to check if the safety measures on site meet with the requirements of supervision plans.			
	Accountable to the RSE for the satisfactory execution of the specific tasks, and for the responsibilities of junior TCPs including checking of the essential items for specific tasks provided in this			

Checking and satisfying that the RC's safety management structure complies with the supervision plan.

Assisting the RSE in carrying out safety management functions.
Coordinating and compiling reports on supervision activities

including reports on non-conformity.

• Dealing with non-conformities.

Duties

2021 Edition (with amendments till December 2023)

### 2024 Edition

	Table 4.2 Responsibilities and Duties under RSE's Stream
	RSE
	Assuming overall responsibilities in the appointment of his Representative and TCPs.
Responsibilities	Ensuring the full implementation of the supervision plan regarding his own stream.
Responsionnes	Overseeing the full implementation of the supervision plan regarding the RC's stream.
	Giving permission to the RC for carrying out temporary works categorised as Case 3 under paragraphs 4.9, 4.11 and 4.12 of this Code.
	Compiling his own part of the supervision plan.
	Devising checklists of specific tasks for his TCPs.
Duties	Supervising his Representative and TCPs.
	Notifying the AP and following up any non-conformities which pose an imminent danger, or cause a material concern for safety and the RC fails to rectify, and any major/serious site incidents relating to safety and/or quality of works.
	Carrying out site inspections as necessary.
	RSE's Representative
	Accountable to the RSE for implementing the RSE's supervision plan.
	Representing the RSE as the formal point of contact in communication with other streams.
Responsibilities	Taking overall responsibility to check if the safety measures on site meet with the requirements of supervision plans.
	Accountable to the RSE for the satisfactory execution of the specific tasks, and for the responsibilities of junior TCPs including checking of the essential items for specific tasks provided in this Code.
	Checking and satisfying that the RC's safety management structure complies with the supervision plan.
	Assisting the RSE in carrying out safety management functions.
Duties	Coordinating and compiling reports on supervision activities including reports on non-conformity.

Table 4.2 Cont'd  T5  Accountable to the RSE through the RSE's Representative, for the implementation of the supervision plan.  Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.  Carrying out specific tasks as per checklist devised by the RSE.  Dealing with non-conformities by making referral to the RSE's Representative and notifying TCPs in other streams.  Checking that site works comply with the approved plans, design requirements including those of the method statements,	Responsibilities	<ul> <li>Table 4.2 Cont'd</li> <li>Accountable to the RSE through the RSE's Representative, for the implementation of the supervision plan.</li> <li>Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.</li> <li>Carrying out specific tasks as per checklist devised by the RSE.</li> <li>Dealing with non-conformities and site incidents, making referral to the RSE's Representative and notifying TCPs in other streams.</li> <li>Checking that site works comply with the approved plans, design</li> </ul>
Accountable to the RSE through the RSE's Representative, for the implementation of the supervision plan.  Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.  Carrying out specific tasks as per checklist devised by the RSE.  Dealing with non-conformities by making referral to the RSE's Representative and notifying TCPs in other streams.  Checking that site works comply with the approved plans, design requirements including those of the method statements,	Responsibilities	<ul> <li>Accountable to the RSE through the RSE's Representative, for the implementation of the supervision plan.</li> <li>Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.</li> <li>Carrying out specific tasks as per checklist devised by the RSE.</li> <li>Dealing with non-conformities and site incidents, making referral to the RSE's Representative and notifying TCPs in other streams.</li> </ul>
implementation of the supervision plan.  Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.  Carrying out specific tasks as per checklist devised by the RSE.  Dealing with non-conformities by making referral to the RSE's Representative and notifying TCPs in other streams.  Checking that site works comply with the approved plans, design requirements including those of the method statements,	Responsibilities	<ul> <li>implementation of the supervision plan.</li> <li>Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.</li> <li>Carrying out specific tasks as per checklist devised by the RSE.</li> <li>Dealing with non-conformities and site incidents, making referral to the RSE's Representative and notifying TCPs in other streams.</li> </ul>
Memorandum and this Code.  Carrying out specific tasks as per checklist devised by the RSE.  Dealing with non-conformities by making referral to the RSE's Representative and notifying TCPs in other streams.  Checking that site works comply with the approved plans, design requirements including those of the method statements,		<ul> <li>Carrying out specific tasks as per checklist devised by the RSE.</li> <li>Dealing with non-conformities and site incidents, making referral to the RSE's Representative and notifying TCPs in other streams.</li> </ul>
precautionary and protective measures.  Validating conditions on site which relate to design assumptions for temporary or permanent structures	Duties	requirements including those of the method statements, precautionary and protective measures.  • Validating conditions on site which relate to design assumptions for temporary or permanent structures.
T3		T3
Accountable to the RSE through the RSE's Representative.  Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	Responsibilities	<ul> <li>Accountable to the RSE through the RSE's Representative.</li> <li>Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.</li> </ul>
Carrying out specific tasks as per checklist devised by the RSE.  Checking that the works comply with the approved plans (or submitted plans for minor works), method statements, precautionary and protective measures.  Monitoring the work of the RC's TCPs.	Duties	<ul> <li>Carrying out specific tasks as per checklist devised by the RSE.</li> <li>Checking that the works comply with the approved plans (or submitted plans for minor works), method statements, precautionary and protective measures.</li> <li>Monitoring the work of the RC's TCPs.</li> <li>Dealing with non-conformities and site incidents, making referral to the RSE's Representative and notifying TCPs in other streams.</li> </ul>
T A T M C C su au D D	countable to the RSE through the RSE's Representative.  aking up relevant responsibilities as set down in the Technical demorandum and this Code.  arrying out specific tasks as per checklist devised by the RSE.  thecking that the works comply with the approved plans (or abmitted plans for minor works), method statements, precautionary and protective measures.	remporary or permanent structures.  Cocountable to the RSE through the RSE's Representative.  Responsibilities  Responsibilities  Responsibilities  Responsibilities  Responsibilities  In the Technical demorandum and this Code.  Code arrying out specific tasks as per checklist devised by the RSE.  Combinited plans for minor works), method statements, precautionary and protective measures.  Conitoring the work of the RC's TCPs.  Realing with non-conformities by making referral to the RSE's

Table 4.3 Responsibilities and Duties under RGE's Stream RGE			
	Assuming overall responsibilities in the appointment of h Representative and TCPs.		
Responsibilities	Ensuring the full implementation of the supervision plan regarding his own stream.		
Responsionnes	Overseeing the full implementation of the supervision plan regarding the RC's stream.		
	Giving permission to the RC for carrying out temporary work categorised as Case 3 under paragraph 4.9 of this Code.		
	Compiling his own part of the supervision plan.		
	Devising checklists of specific tasks for his TCPs.		
Duties	Supervising his Representative and TCPs.		
Dates	Notifying the AP of any non-conformities which pose an immine danger, or cause a material concern for safety and the RC fails rectify.		
	Carrying out site inspections as necessary.		
	RGE's Representative		
	Accountable to the RGE for implementing the RGE's supervision plan.		
	Representing the RGE as the formal point of contact communication with other streams.		
Responsibilities	Taking overall responsibility to check if the safety measures on si meet with the requirements of supervision plans.		
	<ul> <li>Accountable to the RGE for the satisfactory execution of the specific tasks, and for the responsibilities of junior TCPs including checking of the essential items for specific tasks provided in the Code.</li> </ul>		
	Checking and satisfying that the RC's safety management structu complies with the supervision plan.		
	Assisting the RGE in carrying out safety management functions.		
	Coordinating and compiling reports on supervision activiti		
Duties	including reports on non-conformity.		

• Dealing with non-conformities.

## 2024 Edition

	Table 4.3 Responsibilities and Duties under RGE's Stream
	RGE
	Assuming overall responsibilities in the appointment of his Representative and TCPs.
Responsibilities	Ensuring the full implementation of the supervision plan regarding his own stream.
Responsionnes	Overseeing the full implementation of the supervision plan regarding the RC's stream.
	Giving permission to the RC for carrying out temporary works categorised as Case 3 under paragraphs 4.9, 4.11 and 4.12 of this Code.
	Compiling his own part of the supervision plan.
	Devising checklists of specific tasks for his TCPs.
Duties	Supervising his Representative and TCPs.
Dunes	Notifying the AP and following up any non-conformities which pose an imminent danger, or cause a material concern for safety and the RC fails to rectify, and any major/serious site incidents relating to safety and/or quality of works.
	Carrying out site inspections as necessary.
	RGE's Representative
	Accountable to the RGE for implementing the RGE's supervision plan.
	Representing the RGE as the formal point of contact in communication with other streams.
Responsibilities	Taking overall responsibility to check if the safety measures on site meet with the requirements of supervision plans.
	Accountable to the RGE for the satisfactory execution of the specific tasks, and for the responsibilities of junior TCPs including checking of the essential items for specific tasks provided in this Code.
	Checking and satisfying that the RC's safety management structure complies with the supervision plan.
	Assisting the RGE in carrying out safety management functions.
	Coordinating and compiling reports on supervision activities including reports on non-conformity.
Duties	merading reports on non-conformity.

2021 E	dition (with amendments till December 2023)	2024 Edition		
	Table 4.3 Cont'd		Table 4.3 Cont'd	
	T5		T5	
	Accountable to the RGE through the RGE's Representative, for the implementation of the supervision plan.		Accountable to the RGE through the RGE's Representative, for the implementation of the supervision plan.	
Responsibilities	Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	Responsibilities	Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	
	Carrying out specific tasks as per checklist devised by the RGE.		Carrying out specific tasks as per checklist devised by the RGE.	
	Dealing with non-conformities by making referral to the RGE's Representative and notifying TCPs in other streams.		Dealing with non-conformities and site incidents, making referral to the RGE's Representative and notifying TCPs in other streams.	
	Checking that site works comply with the approved plan, design requirements including those of the method statements, precautionary and protective measures.	Duties	Checking that site works comply with the approved plan, design requirements including those of the method statements, precautionary and protective measures.	
Duties	Validating conditions on site which relate to design assumptions for temporary or permanent structures.	Duties	Validating conditions on site which relate to design assumptions for temporary or permanent structures.	
	T2/T3		T2/T3	
	Accountable to the RGE through the RGE's Representative.		Accountable to the RGE through the RGE's Representative.	
Responsibilities	Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	Responsibilities	Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	
	Carrying out specific tasks as per checklist devised by the RGE.		Carrying out specific tasks as per checklist devised by the RGE.	
Duties	Checking that the works comply with the approved plans (or submitted plans for minor works), method statements, precautionary and protective measures.	Duties	Checking that the works comply with the approved plans (or submitted plans for minor works), method statements, precautionary and protective measures.	
	Monitoring the work of the RC's TCPs.		Monitoring the work of the RC's TCPs.	
	Dealing with non-conformities by making referral to the RGE's Representative and notifying TCPs in other streams.		Dealing with non-conformities and site incidents, making referral to the RGE's Representative and notifying TCPs in other streams.	

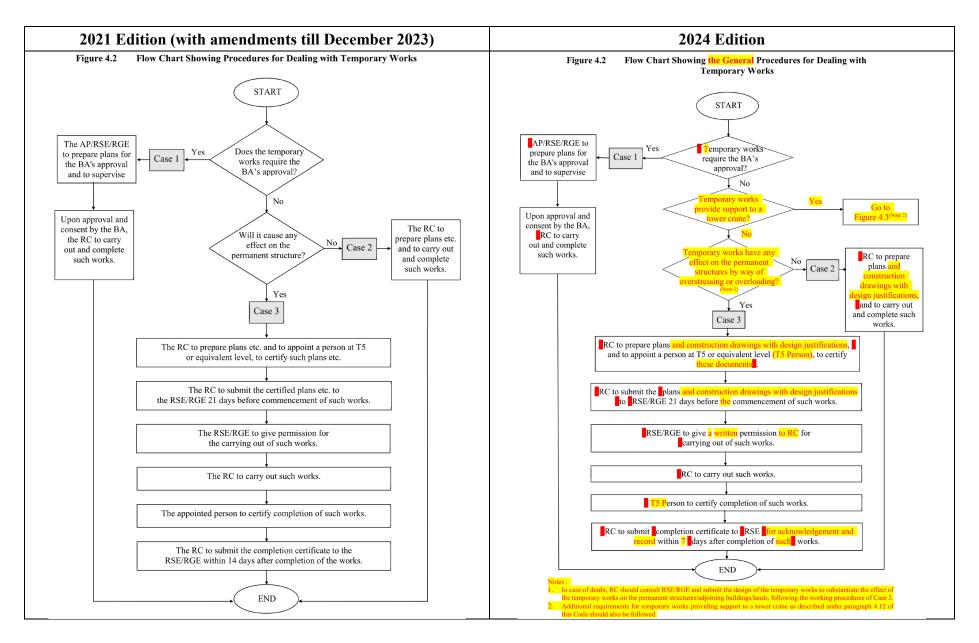
2021 Ec	lition (with amendments till December 2023)	2024 Edition		
	Table 4.4 Responsibilities and Duties under RC's Stream		Table 4.4 Responsibilities and Duties under RC's Stream	
	Assuming overall responsibilities in the appointment of his Representative and TCPs.		<ul> <li>Assuming overall responsibilities in the appointment of his Representative and TCPs.</li> </ul>	
Responsibilities	Ensuring the full implementation of the supervision plan regarding his own stream.	Responsibilities	Ensuring the full implementation of the supervision plan regarding his own stream.	
	Ensuring that non-conformities are immediately acted on and that rectification is carried out forthwith.		Ensuring that non-conformities are immediately acted on and that rectification is carried out forthwith.	
	Compiling his own part of the supervision plan.		Compiling his own part of the supervision plan.	
	Devising checklists of specific tasks for his TCPs.		Devising checklists of specific tasks for his TCPs.	
Duties	<ul> <li>Supervising his Representative and TCPs.</li> <li>Preparing plans, method statement and/or precautionary and protective measures for temporary works categorised as Case 2</li> </ul>	Duties	<ul> <li>Supervising his Representative and TCPs.</li> <li>Preparing plans, method statements. precautionary and protective measures for temporary works categorised as Case 2 and/or Case 3 under paragraphs 4.9, 4.11 and 4.12 of this Code.</li> </ul>	
	<ul> <li>and/or Case 3 under paragraph 4.9 of this Code.</li> <li>Notifying the AP of any non-conformities which pose an imminent danger, or cause a material concern for safety.</li> </ul>		• Preparing an implementation plan for the adoption of the mobile plant alert system and/or the tower crane alert system for building works, and ensuring that the implementation plan is properly executed on site as detailed in paragraph 4.14 of this Code.	
	Carrying out site inspections as necessary.		Notifying the AP and following up any non-conformities which pose an imminent danger, or cause a material concern for safety, and any major/serious site incidents relating to safety and/or quality of works.	
			Carrying out site inspections as necessary.	

2021 Ed	dition (with amendments till December 2023)	2024 Edition
	AS's Representative     Accountable to the AS for the implementation of the RC's supervision plan.     Representing the AS as the formal point of contact in communication	AS's Representative     Accountable to the AS for the implementation of the RC's supervision plan.     Representing the AS as the formal point of contact in communication with other streams.
Responsibilities	<ul> <li>with other streams.</li> <li>Taking up overall responsibilities in carrying out site safety measures and actions in accordance with the supervision plan.</li> <li>Ensuring that the line management, including sub-contractors, are conversant with the supervision plan, and that good coordination and communication exists between his TCPs.</li> </ul>	Responsibilities  Taking up overall responsibilities in carrying out site safety measures and actions in accordance with the supervision plan.  Ensuring that the line management, including sub-contractors, are conversant with the supervision plan, and that good coordination and communication exists between his TCPs.
Duties	<ul> <li>Directing staff and sub-contractors on safety related matters.</li> <li>Coordinating and compiling reports on supervision activities.</li> <li>Dealing with non-conformities.</li> <li>Assisting the AS in the investigation of the causes of each non-conformity and taking measures to prevent further occurrence.</li> </ul>	<ul> <li>Directing staff and sub-contractors on safety related matters.</li> <li>Coordinating and compiling reports on supervision activities.</li> <li>Ensuring the implementation plan for the adoption of the mobile plant alert system and/or the tower crane alert system for building works is properly executed on site.</li> <li>Dealing with non-conformities and site incidents.</li> </ul>
		Assisting the AS in the investigation of the causes of each non-conformity and taking measures to prevent further occurrence.

<b>2021 Ed</b>	ition (with amendments till December 2023)	2024 Edition
	Table 4.4 Cont'd	Table 4.4 Cont'd
	T4/T5	T4/T5
Responsibilities	Accountable to the AS, through the AS's Representative, for the implementation of the supervision plan.      Taking up relevant responsibilities as set down in the Technical	<ul> <li>Accountable to the AS, through the AS's Representative, for the implementation of the supervision plan.</li> <li>Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.</li> </ul>
Duties	Memorandum and this Code.     Checking that assumptions made in the design of temporary works and method statements are validated on site.     Checking that actual site conditions and works being carried out agree with the approved plans, design requirements, method statements and precautionary and protective measures.     Carrying out specific tasks as per checklist devised by AS.     Dealing with non-conformities by making referral to the AS's	<ul> <li>Checking that assumptions made in the design of temporary works, method statements and precautionary and protective measures are validated on site.</li> <li>Checking that actual site conditions and works being carried out agree with the approved plans, design requirements, method statements and precautionary and protective measures.</li> <li>Carrying out specific tasks as per checklist devised by AS.</li> <li>Dealing with non-conformities and site incidents, making referral to the AS's Representative and notifying TCPs in other streams.</li> </ul>
	Representative and notifying TCPs in other streams.	T1-T3
	<ul> <li>T1-T3</li> <li>Accountable to the AS through the AS's Representative.</li> </ul>	<ul> <li>Accountable to the AS through the AS's Representative.</li> <li>Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.</li> </ul>
Responsibilities	Taking up relevant responsibilities as set down in the Technical Memorandum and this Code.	Checking on routine basis that site works comply with general site safety requirements.
Duties	<ul> <li>Checking on routine basis that site works comply with general site safety requirements.</li> <li>Checking specialist aspects of work to see that they comply with the submitted supervision plans. (T2 &amp; T3 only)</li> </ul>	Checking specialist aspects of work to see that they comply with the submitted supervision plans. (T2 & T3 only)      Checking that the works comply with the approved plans (or submitted plans for minor works), method statements, and precautionary and protective measures.
	Checking that the works comply with the approved plans (or submitted plans for minor works), method statements, precautionary and protective measures.	<ul> <li>Checking that the temporary works comply with the plans, construction drawings, sequence of construction, method statements, and details of precautionary and protective measures.</li> <li>Checking that the mobile plant alert system and/or the tower</li> </ul>
	Checking that subordinate TCPs have carried out routine checks at the correct frequency and that records are prepared and filed on site. (T2 & T3 only)  Complete the transfer tendence are the child the include AS.	<ul> <li>Checking that the mobile plant alert system and/of the tower crane alert system are properly installed and operating.</li> <li>Checking that subordinate TCPs have carried out routine checks at the correct frequency and that records are prepared and filed on site. (T2 &amp; T3 only)</li> </ul>
	<ul> <li>Carrying out specific tasks as per checklist devised by AS.</li> <li>Dealing with non-conformities by making referral to the AS's Representative and notifying TCPs in other streams.</li> </ul>	<ul> <li>Carrying out specific tasks as per checklist devised by AS.</li> <li>Dealing with non-conformities and site incidents. making referral to the AS's Representative and notifying TCPs in other streams.</li> </ul>

ZUZI Ed	ition (with amendments till December 2023)	2024 Edition
	division of responsibility between AP/RSE/RGE and RC for overary works and working procedures is detailed below:	4.9 The division of responsibilities between AP/RSE/RGE and RC for temporary works and working procedures is detailed below:
Case	When the prescribed plans stipulate the temporary works, and the sequence of construction or method statements are also shown on prescribed plans, both the AP/RSE/RGE and the RC have their own responsibilities to supervise the carrying out of the works in accordance with the approved/prescribed plans and the BO and Regulations.  When the temporary works, the sequence of construction or method statements are not required to be shown on prescribed plans and have no effect on the permanent structure by way of overstressing or overloading, the RC has the sole responsibility of ensuring the integrity of temporary works and that the carrying out of temporary works should be safe and should not endanger the workers on site, the public and adjoining buildings.  When the temporary works, the sequence of construction or method statements are not required to be shown on the prescribed plans but may have effect on the permanent structure by way of overstressing or overloading, the RC should appoint a person whose qualification and experience are not inferior to a	temporary works and working procedures is detailed below:  (a) Case 1 - When the prescribed plans stipulate the temporary works, and the sequence of construction or method statements are also shown on prescribed plans, both the AP/RSE/RGE and the RC have their own responsibilities to supervise the carrying out of the works in accordance with the approved/prescribed plans and the BO and Regulations.  (b) Case 2 - When the temporary works, the sequence of construction or method statements are not required to be shown on prescribed plans and have no effect on the permanent structures by way of overstressing or overloading, the RC should prepare plans and construction drawings¹ with design justifications² for the temporary works. The RC has the sole responsibility of ensuring the integrity of the temporary works and that the carrying out of temporary works should be safe and should not endanger the workers on site, the public and adjoining buildings and lands. For temporary works providing
	TCP of grade T5 to certify the plans, design information and/or method statement of the temporary works which are to be submitted to the RSE/RGE. The person so appointed should also certify the completion of such works. The RSE/RGE may require the RC to submit further calculations to substantiate his design of the temporary works as necessary.	support to a tower crane, additional requirements as descripted in paragraph 4.12 of this Code should also be followed.  Construction drawings include all necessary construction details and specifications temporary works, sequence of construction, method statements, details of precaut and protective measures.  Design justifications include design calculations of the temporary works and the assess on the effects on the permanent structures, the adjoining buildings and lands.

202	21 Edition (with amendments till December 2023)	2024 Edition
4.9	The division of responsibility between AP/RSE/RGE and RC for	(c) Case 3 - When the temporary works, the sequence of
	temporary works and working procedures is detailed below:	construction or method statements are not required to be shown
	Case 1 When the prescribed plans stipulate the temporary works, and	on the prescribed plans but may have effect on the permanent
	the sequence of construction or method statements are also	structures, the adjoining buildings or lands, by way of
	shown on prescribed plans, both the AP/RSE/RGE and the RC	overstressing or overloading, the RC should prepare plans and
	have their own responsibilities to supervise the carrying out of	construction drawings with design justifications for the
	the works in accordance with the approved/prescribed plans	temporary works. RC should appoint a person whose
	and the BO and Regulations.	qualification and experience are not inferior to a TCP of grade
	Case 2 When the temporary works, the sequence of construction or	
	method statements are not required to be shown on prescribed	T5 (T5 Person <sup>3</sup> ) to certify these documents, which should then
	plans and have no effect on the permanent structure by way of	be submitted to the RSE/RGE 4 21 days before the
	overstressing or overloading, the RC has the sole responsibility	commencement of works, and a completion certificate should be
	of ensuring the integrity of temporary works and that the	submitted to the RSE for acknowledgement, as further described
	carrying out of temporary works should be safe and should not	in paragraph 4.11 of this Code. The RC has the sole
	endanger the workers on site, the public and adjoining buildings.	responsibility of ensuring the integrity of the temporary works and
	Case 3 When the temporary works, the sequence of construction or	that the carrying out of temporary works should be safe and should
	method statements are not required to be shown on the	not endanger the workers on site, the public and adjoining
	prescribed plans but may have effect on the permanent structure	
	by way of overstressing or overloading, the RC should appoint	buildings and lands. For temporary works providing support
	a person whose qualification and experience are not inferior to a	to a tower crane, additional requirements as described under
	TCP of grade T5 to certify the plans, design information and/or	paragraph 4.12 of this Code should also be followed.
	method statement of the temporary works which are to be	
	submitted to the RSE/RGE. The person so appointed should	Figure 4.2 illustrates the general procedures for dealing with temporary
	also certify the completion of such works. The RSE/RGE may	works.
	require the RC to submit further calculations to substantiate his	
	design of the temporary works as necessary.  Figure 4.2 illustrates the procedures for dealing with temporary works.	<ul> <li>For temporary works providing support to a tower crane, the appointed T5 Person may also be either the design engineer or independent checking engineer as required under paragraph 4.12 of this Code.</li> <li>RGE should ensure that the temporary works, sequence of construction or method statements have no adverse effect on the geotechnical elements of the permanent structures,</li> </ul>



2021 Edition (with amendments till December 2023)	2024 Edition
4.10 For Case 2, method statements and drawings, precautionary and protective measures are required for, but not limited to, the following works:	4.10 For Case 2, plans and construction drawings with design justifications are required for, but not limited to, the following works:
(a) Falsework erected for the concrete casting of  (i) transfer plate and vehicular ramps  (ii) cantilevered slab exceeding 1.5m  (iii) beam with span exceeding 12m  (iv) deep beams with depth exceeding 3m  (v) elevated water tank  (vi) space frame  (vii) vehicular bridge and footbridge  (viii) prestressed structure  (b) Formwork and shoring for the concrete casting of	(a) Falsework erected for the concrete casting of  (i) transfer plate and vehicular ramps  (ii) cantilevered slab exceeding 1.5m  (iii) beam with span exceeding 12m  (iv) deep beams with depth exceeding 3m  (v) elevated water tank  (vi) space frame  (vii) vehicular bridge and footbridge  (viii) prestressed structure  (b) Formwork and shoring for the concrete casting of
<ul> <li>(i) columns and walls with height exceeding 6m</li> <li>(ii) retaining wall higher than 4m</li> <li>(c) Temporary working platforms for the operation of plant and machinery</li> <li>(d) Lifting operation of plant and machinery.</li> </ul>	<ul> <li>(i) columns and walls with height exceeding 6m</li> <li>(ii) retaining wall higher than 4m</li> <li>(c) Temporary working platforms for the operation of plant and machinery</li> <li>(d) Lifting operation of plant and machinery.</li> </ul>

2021 Edition (with amendments till December 2023)	2024 Edition
-	4.11 For case 3, in order to ensure that the temporary works will not impose an
	adverse effect on the permanent structures, adjoining buildings and lands,
	the following additional requirements should be complied with:
	(a) In addition to the RC's overall responsibility to prepare plans and
	construction drawings with design justifications, the RC should
	appoint a person whose qualification and experience are not
	inferior to a TCP of grade T5 (T5 Person <sup>3</sup> ) to certify these
	documents. These documents should then be submitted to the
	RSE/RGE not later than 21 days before the commencement of
	works.

2021 Edition (with amendments till December 2023)		2024 Edition
-	(b)	The RSE/RGE <sup>4</sup> should check if the proposed temporary works have
		any effect on the permanent structures, adjoining buildings and
		lands, or the geotechnical elements of the permanent
		structures/lands, by way of overstressing or overloading. The
		RSE/RGE may require the RC to submit further information to
		substantiate the effect of the temporary works on the permanent
		structures, adjoining buildings and lands as necessary. Upon
		verifying that the safety and integrity of the permanent structures,
		adjoining buildings and lands will not be adversely affected by the
		temporary works, RSE/RGE should give a written permission to the
		RC for carrying out the works.
	(c)	The RC should ensure that the temporary works are carried out in
		accordance with the certified plans and construction drawings and
		are structurally safe. In addition, upon completion of the
		temporary works, the appointed T5 Person <sup>3</sup> should personally
		inspect and sign a completion certificate to certify that the
		temporary works have been carried out in accordance with the
		certified plans and construction drawings and are structurally safe.
		The completion certificate should be submitted to the RSE for
		acknowledgement <sup>5</sup> and record within 7 days after completion of
		the works.
		d check the completeness of the certificate, e.g. the T5 Person had certified in
		the temporary works had been completed in accordance with the certified plans action drawings for the development project concerned and were structurally

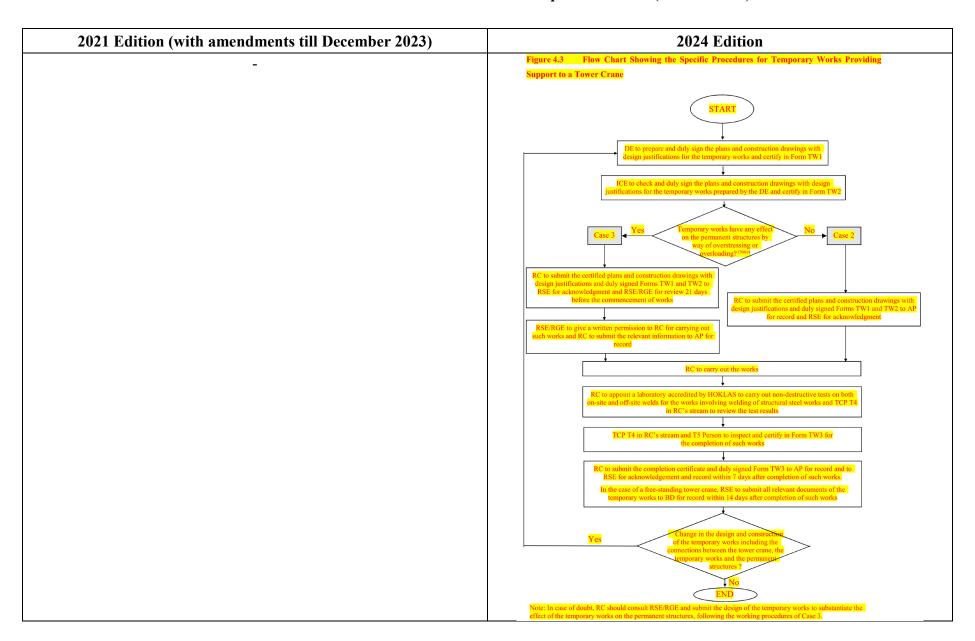
2021 Edition (with amendments till December 2023)	2024 Edition
-	4.12 For temporary works providing support to a tower crane, the following
	additional requirements should also be complied with:
	(a) A design engineer (DE) who possesses a minimum qualification of
	a registered professional engineer (civil/structural) with a minimum
	of 5 years relevant working experience should be appointed by the
	RC for the design of the temporary works. The DE should prepare
	and duly sign the plans and construction drawings with design
	justifications for the temporary works and certify in standard form
	(Form TW1 at Appendix XI) that the temporary works supporting
	the tower crane including the connections between the tower crane,
	the temporary works and the permanent structures (if applicable)
	are designed in compliance with the BO, the regulations made
	thereunder and the relevant codes of practice.
	(b) An independent checking engineer (ICE) who possesses a
	minimum qualification of a registered professional engineer
	(civil/structural) with a minimum of 5 years relevant working
	experience should be appointed by the RC to check and duly sign
	the plans and construction drawings with design justifications for
	the temporary works prepared by the DE as mentioned in item (a)
	above. The DE and ICE, including their employing companies,
	should be independent from each other and have no holding,
	subsidiary, employer/employee or any other relationship. The
	ICE should certify in standard form (Form TW2 at Appendix XI)
	that the design of the temporary works has been checked by him/her
	and that the temporary works supporting the tower crane including
	the connections between the tower crane, the temporary works and
	the permanent structures (if applicable) are designed in compliance
	with the BO, the regulations made thereunder and the relevant
	codes of practice;

2021 Edition (with amendments till December 2023)	2024 Edition
-	(c) For Case 2 temporary works providing support to a tower crane,
	upon receipt of duly signed Forms TW1 and TW2 from the DE and
	ICE respectively, the RC should submit the certified plans and
	construction drawings with design justifications for the temporary
	works together with the duly signed Forms TW1 and TW2 to the
	AP for record and the RSE for acknowledgement <sup>6</sup> before the
	commencement of works;
	(d) For Case 3 temporary works providing support to a tower crane, the
	RC should submit the certified plans and construction drawings
	with design justifications for the works together with the duly
	signed Forms TW1 and TW2 to the RSE for acknowledgement <sup>6</sup>
	and the RSE/RGE4 for review, not later than 21 days before the
	commencement of works. The RSE/RGE should check if the
	proposed temporary works have any effect on the permanent
	structures, adjoining buildings and lands, or the geotechnical
	elements of the permanent structures/lands, by way of
	overstressing or overloading. The RSE/RGE may require the RC
	to submit further information to substantiate the effect of the
	temporary works on the permanent structures, adjoining buildings
	and lands as necessary. Upon verifying that the safety and
	integrity of the permanent structures, adjoining buildings and lands
	will not be adversely affected by the temporary works, RSE/RGE
	should give a written permission to the RC for carrying out the
	works. Upon obtaining such written permission, the RC should
	submit the certified plans and construction drawings with design
	justifications and the duly signed Forms TW1 and TW2 to the AP
	for record before the commencement of works;
	RSE should check the completeness of the documents, e.g. whether the documents have all been submitted in an orderly manner and the relevant forms are properly filled in and duly signed by DE and ICE.

2021 Edition (with amendments till December 2023)	2024 Edition
-	(e) Similar to all types of temporary works, the RC should provide
	continuous supervision of the works in accordance with this Code
	and the supervision plan. The AP/RSE/RGE should check to
	ensure that RC has followed the above requirements and provide
	periodic supervision of such works in accordance with this Code
	and the supervision plan;
	(f) For temporary works involving welding of structural steel works,
	welding should be carried out by qualified welders in accordance
	with clause 14.3 of the Code of Practice for the Structural Use of
	Steel 2011 (2023 Edition) (Steel Code). The RC should appoint a
	laboratory accredited by the Hong Kong Laboratory Accreditation
	Scheme (HOKLAS) or by other laboratory accreditation bodies
	which have reached mutual recognition arrangements with
	HOKLAS for the carrying out of the required non-destructive tests
	on both on-site and off-site welds in accordance with clause 14.3.6
	of the Steel Code. The test methods, sampling rates and criteria
	of testing of materials and workmanship of the temporary works
	providing support to the tower crane should also comply with the
	BO, the regulations made thereunder and the relevant codes of
	practice. The test results 7, with the joint locations clearly
	specified, should be reviewed by TCP T4 in RC's stream;
	7 Test results should be reported on a HOKLAS Endorsed Certificate or equivalent Certificates/Reports issued from other laboratory accreditation bodies which have reached mutual recognition agreements/arrangements with the HOKLAS in order to ensure the test is carried out by an accredited laboratory that should be within its scope of accreditation.

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-	(g) The RC should ensure that the temporary works are carried out in
	accordance with the certified plans and construction drawings and
	are structurally safe. In addition, upon completion of the
	temporary works, and irrespective whether it is of Case 2 or Case
	3, TCP T4 in RC's stream and the T5 Person <sup>8</sup> should personally
	inspect and certify in standard form (Form TW3 at Appendix XI)
	for the completion of the works by making a statement to confirm
	that (i) the temporary works have been inspected by them and found
	satisfactory in accordance with the certified plans and construction
	drawings; (ii) the results of the associated testing of materials and
	workmanship (including on-site and off-site welds) have been
	reviewed by them and found technically acceptable, and (iii) the
	temporary works including the connections between the tower
	crane, the temporary works and the permanent structures are
	structurally safe. The duly signed Form TW3 should be submitted
	to the AP for record and the RSE for acknowledgement and record
	within 7 days after completion of the works;
	(h) Any load test or examination of the tower cranes <sup>10</sup> should not be
	conducted prior to acknowledgement of Form TW3 by the RSE;
	For temporary works providing support to a tower crane, the DE or ICE can be the T5 Person for certifying completion of such works as required under paragraph 4.9 of this Code.  RSE should check the completeness of the TW3, e.g. whether the relevant HOKLAS Endorsed Certificate had been obtained, the form is properly filled in and duly signed by the TCP T4 in RC's stream in accordance with paragraph 4.12(g) of this Code.  Required under the Factories and Industrial Undertakings (Lifting Appliances and Lifting Gear) Regulations.

2021 Edition (with amendments till December 2023)	2024 Edition
-	(i) The certified plans and construction drawings with design
	justifications, duly signed Forms TW1 and TW2, test reports, TCPs'
	supervision records and RSE's acknowledged Form TW3 should
	be properly kept at the site office for the inspection by the BA; and
	(j) In the case of a free-standing tower crane that relies solely on the
	support at its base, and irrespective whether it is of Case 2 or Case
	3, the RC should submit the relevant documents of the temporary
	works providing support to the tower crane, including the certified
	plans and construction drawings with design justifications, prepared
	by the DE and checked by the ICE, the duly signed Forms TW1,
	TW2 and TW3 to the RSE within 7 days after the completion of the
	works. The RSE should submit them to BD for record within 14
	days after the completion of the works for both Case 2 and Case 3.
	The submission should be appended with a statement signed by the
	RSE to confirm that (i) he/she is satisfied with the completeness of
	documents including the plans, construction drawings, design
	justifications, duly signed Forms TW1, TW2 and TW3; and (ii) the
	temporary works, sequence of construction or method statements
	have no adverse effect on the permanent structures, adjoining
	buildings and lands, by way of overstressing or overloading.
	Figure 4.3 illustrates the specific procedures for dealing with temporary works
	providing support to a tower crane.



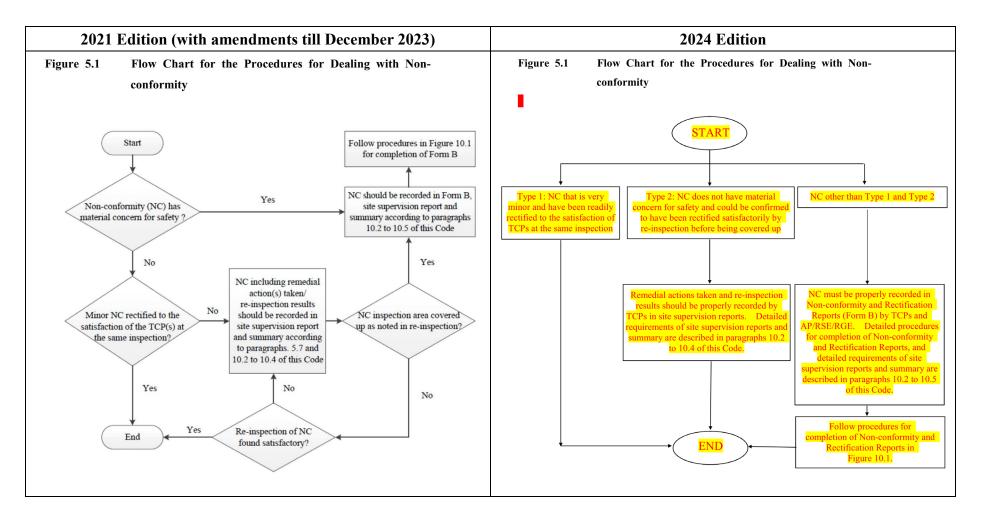
2021 Edition (with amendments till December 2023)	2024 Edition
4.11 For all Cases 1, 2 and 3 above, the RC should maintain on site a set of plans	4.13 For all Cases 1, 2 and 3 above, the RC should maintain on site a set of plans,
showing the method statement and precautionary and protective measures	construction drawings, design justifications, method statements, details of
for the reference of the TCPs and the inspection of the BA, which should	precautionary and protective measures, etc for the reference of the TCPs
be listed out in a register on site.	and the inspection of the BA, which should be listed out in a register on site.

2021 Edition (with amendments till December 2023)	2024 Edition
-	Qualified Supervision of Building Works Involving Mobile Plants and
	Tower Cranes <sup>11</sup>
	4.14 For building works with an estimated cost exceeding \$30 million, qualified
	site supervision of the building works involving the use of mobile plants <sup>12</sup>
	and tower cranes should be provided by RC to ensure that the works are
	carried out in such a manner that it does not cause, or is not likely to cause
	a risk of injury to any person or damage to any property, as detailed below:
	(a) Where a mobile plant is used for the building works, it should be
	equipped with a mobile plant alert system <sup>13</sup> under the Smart Site
	Safety System <sup>14</sup> (4S);
	Applicable to projects with conditions imposed under section 17(1) of the BO for superstructure works involving mobile plants and/or tower cranes.  "Mobile plant" generally includes all heavy-type mobile plants, such as bulldozer, compactor, crawler crane, dumper, excavator, gantry crane, grader, loader, scraper, truckmounted crane and wheeled telescopic mobile crane. Vehicles or mechanical equipment commonly used for conveying materials and/or personnel such as fork-lift truck, lorry, power-operated elevating work platform and truck, or plants which are stationed on site for less than one day such as concrete mixer, shotcrete truck and water pump truck are excluded. The list of mobile plants may be reviewed from time to time when more experience is gained taking into account the development of the related technology.  The system should alert the mobile plant operator and any site personnel encroaching the mobile plant danger zone perimeter of the risk of being run over or hit by the plant moving components. The automated warning system should include adequate number of sensors installed on the mobile plant chassis and movable superstructures to ensure full 360° coverage around the mobile plant danger zone perimeter. The danger zones of the mobile plant operation should be determined by the safety officer employed pursuant to the Factories and Industrial Undertakings (Safety Officers and Safety Supervisors) Regulations (Safety Officer) according to risk assessment but in general, the extent of the danger zones should be not less than 2m from any part of the mobile plant.  Smart Site Safety System (4S) generally comprises three components, namely smart safety devices for monitoring activities and identifying safety hazards; a communication network for transmitting data collected from smart safety devices; and a centralised management platform for providing a one-stop hub for data analysis and alerts generation, as well as facilitating follow-up actions. Reference materials on 4S are provided in the "Guide to Sma

2021 Edition (with amendments till December 2023)	2024 Edition
-	(b) Where a tower crane is used for the building works, it should be
	equipped with a tower crane alert system <sup>15</sup> under the 4S;
	(c) The alert systems described in items (a) and (b) above aim to
	effectively mitigate any potential hazards or unsafe situations that
	may arise during the operation of the mobile plants and tower cranes.
	The alert systems should be capable to immediately alert both the
	plant operators and any site personnel encroaching the danger zones,
	where there is a potential risk of being run over or hit by the plant
	moving components and/or the moving load;
	The system should alert tower crane operator and any site personnel encroaching upon the tower crane loading/unloading danger zone perimeter of the risk of being hit by the moving load under the crane hook. The automated warning system should include adequate number of sensors installed on or around the tower crane to ensure full coverage of all loading/unloading areas danger zone perimeter at all floor levels involved. The loading/unloading danger zones of the tower crane operation should be determined by the Safety Officer according to risk assessment but in general, the extent of the danger zones should be not less than 7m radius from the crane hook. The minimum clearance between the load being lifted and the loading/unloading area activating the automatic warning system should be determined by the Safety Officer according to risk assessment but in general, should be not less than 3m.

	2024 Edition		2021 Edition (with amendments till December 2023)
esentative and TCP	(d) The responsibilities and duties of AS/AS's Representative and	(d)	-
follows:	for site supervision under the RC stream are as follows:		
ared by the AS or	(i) An implementation plan should be prepared by the A		
doption of the alert	under the supervision of the AS for the adoption of the		
not limited to, the	systems. The plan should include, but not limited to		
nes to be used, the	types of mobile plants and/or tower cranes to be used		
efinition of danger	automated alert systems to be used, the definition of d		
on, and the fallback	zones, a brief description of their operation, and the fal		
ystem failure);	measures for special circumstances (e.g. system failure)		
ould ensure that the	(ii) The AS and the AS's Representative should ensure the		
) above is properly	implementation plan described in item (i) above is pro		
	executed on site; and		
at the alert systems	(iii) The TCP T1 and TCP T3 should check that the alert sys		
t the plant operators	are properly installed and operating to alert the plant ope		
nger zones. They	and any site personnel encroaching the danger zones.		
tation plan for any	should report according to the implementation plan fo		
a malfunction is	necessary repairs/rectification whenever a malfuncti		
	identified.		
ta	should report according to the implementancessary repairs/rectification whenever		

	2021 Edition (with amendments till December 2023)		2024 Edition
	Communication Procedures		Communication Procedures
4.12	Successful implementation of the Supervision Plan System requires	4.1 <mark>5</mark>	Successful implementation of the Supervision Plan System requires
	effective and efficient within-stream and interstream communications.		effective and efficient within-stream and interstream communications.
	Lines of within-stream communications should be established between the		Lines of within-stream communications should be established between the
	engineering safety supervision level and the routine safety supervision level		engineering safety supervision level and the routine safety supervision level
	whereas interstream communications should usually take place between		whereas interstream communications should usually take place between
	stream counterparts. Typical lines of within-stream and interstream		stream counterparts. Typical lines of within-stream and interstream
	communications are illustrated in Figure 4.1.		communications are illustrated in Figure 4.1.



2	021 Edition (with amendments till December 2023	)		2024 Edition									
	Table 5.1 Typical Items for the Checklist of Specific Tasks for AP's TCPs				Table 5.1 Typical Items for the Checklist of Specific Tasks for AP's TCPs								
Item	Description			Item No.	Description								
No.	Establish systems for co-ordinating, compiling and filing of reports, maintaining filing systems; and forwarding reports to AP in case of non-conformity.		]	A1	Establish systems for co-ordinating, compiling and filing of reports, maintaining filing systems; and forwarding reports to AP in case of non-conformity.								
A2	Check that the hoarding and/or covered walkways are erected to ensure public safety in accordance with the hoarding plan accepted by the BA.	ine ns		A2	Check that the hoarding and/or covered walkways are erected to ensure public safety in accordance with the hoarding plan accepted by the BA.	Koutine items							
A3	Check that the provision and condition of scaffolding, catch fans, matscreens and heavy duty nylon mats, as appropriate, are satisfactory.	Routine items		A3	heavy duty nylon mats, as appropriate, are satisfactory.	S. ii							
A4	Check that monitoring checkpoints are installed and readings are taken in time.			A4	Check that monitoring checkpoints are installed and readings are taken in time.								
A5	Register reports of non-conformity and inform relevant parties of non-conformity.	Routine and Engineering items			A5	Register reports of non-conformity and site incident, verify non-conformity and site incident and instruct rectification works, notify all relevant parties in respect of non-conformity and site incident and monitor that rectification measures are properly							
A6	Report to the AP if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions.			A6	carried out.  Report to the AP if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with								
A7	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.		A7 Check the re Memo	Enginee	Enginee	Enginee	l Enginee	Enginee	l Enginee		A 7	rectification instructions, or if the site incident is considered as a major/serious site incident relating to safety and/or quality of works.	ng items
A8	Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related				Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	ngineeri							
	drawings is kept on site; and that they are followed, including checking the video record for demolition works.			Ro				Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related	ine and				
A9	Check and monitor that lateral supports are installed in accordance with approved/agreed working sequence and not to be removed in advance of adequate	ing			drawings is kept on site; and that they are followed, including checking the video record for demolition works.	Kon							
	propping or restraint.	Engineering item		A9	Check and satisfy with the completeness of documents including plans, construction drawings, design justifications, standard forms, test reports and completion certificate of the temporary works providing support to the tower crane; and check that they are properly kept on site by the RC; and that the procedures are followed								
An	Any other items considered essential by the AP, including those for quality supervision and other conditions imposed by the BA at approval and/or consent		•		by the RC.								
	stage.			A 10	Check and monitor that lateral supports are installed in accordance with approved/agreed working sequence and not to be removed in advance of adequate propping or restraint.	Engineering item							
				An	Any other items considered essential by the AP, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.								

2021 Edition (with amendments till December 2023)				2024 Edition				
	Table 5.2 Typical Items for the Checklist of Specific Tasks for RSE's TCPs				Table 5.2 Typical Items for the Checklist of Specific Tasks for RSE's TCPs			
Item No.	Description			Item No.	Description			
E1	Establish system for communicating with other TCPs.	<u>e</u>		E1	Establish system for communicating with other TCPs.	Je .		
E2	Check that all monitoring checkpoints are installed and readings are being taken in time.	Routine	items	E2	Check that all monitoring checkpoints are installed and readings are being taken in time.	Routine		
E3	Verify non-conformity and instruct rectification works. Notify all relevant parties in respect of the non-conformity and monitor that rectification measures are properly carried out.			E3	Verify non-conformity and site incident, and instruct rectification works. Notify all relevant parties in respect of the non-conformity and site incident and monitor that rectification measures are properly carried out.			
E4	Report to the RSE if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions.	ngineering	S	E4	Report to the RSE if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions, or if the site incident is considered as a major/serious site	5.0		
E5	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	ine and Engi	tine and E	ıtem	E5	Incident relating to safety and/or quality of works.  Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical	Engineering	
E6	Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed, including checking the video record for demolition works.	Rou		E6	Memorandum and the Code.  Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed, including checking the video	Routine and E		
E7	Check that there is no over-excavation and temporary cut slopes will not cause any instability to adjoining ground/structures/buildings.			E7	record for demolition works.  Check and satisfy with the completeness of documents including plans, construction	R		
E8	Check that enclosing walls for top down construction show no signs of defect or lack of soundness.				drawings, design justifications, standard forms, test reports and completion certificate of the temporary works providing support to the tower crane; and check			
E9	Check and monitor that lateral supports are installed in accordance with approved/agreed working sequence and not to be removed in advance of adequate propping or restraint.			E <mark>8</mark>	that they are properly kept on site by the RC; and that the procedures are followed by the RC.  Check that there is no over-excavation and temporary cut slopes will not cause any			
E10	Check that the design and supports of formwork, shoring and temporary working platform are adequate to support all intended loads.	ing			instability to adjoining ground/structures/buildings.			
E11	Check that there is no risk of artesian conditions for excavation and lateral support	ngineer	items	E <mark>9</mark>	Check that enclosing walls for top down construction show no signs of defect or lack of soundness.			
E12	works.  Check that stability and integrity of nearby buildings and ground are not adversely affected.	画		E10	Check and monitor that lateral supports are installed in accordance with approved/agreed working sequence and not to be removed in advance of adequate propping or restraint.	ing		
E13	Check that the groundwater table is consistent with design of excavation and lateral support works.			E11	Check that the design and supports of formwork, shoring and temporary working platform are adequate to support all intended loads.	Engineering		
E14	Check that before excavation takes place, the highest new deck level for top down construction is in place and has achieved sufficient strength to provide lateral support.			E12	Check that there is no risk of artesian conditions for excavation and lateral support works.	E		
En	Any other items considered essential by the RSE, including those for quality supervision and other conditions imposed by the BA at approval and/or consent			E13	Check that stability and integrity of nearby buildings and ground are not adversely affected.			
	stage.			E1 <mark>4</mark>	Check that the groundwater table is consistent with design of excavation and lateral support works.			

2021 Edition (with amendments till December 2023)		2024 Edition					
	Table 5.2 Typical Items for the Checklist of Specific Tasks for RSE's TCPs			Table 5.2 Cont'd			
Item No.	Description		Item No.	Description			
E1	Establish system for communicating with other TCPs.	s s	E1 <mark>5</mark>	Check that before excavation takes place, the highest new deck level for top down			
E2	Check that all monitoring checkpoints are installed and readings are being taken in time.	Routine items		construction is in place and has achieved sufficient strength to provide lateral support.			
Е3	Verify non-conformity and instruct rectification works. Notify all relevant parties in respect of the non-conformity and monitor that rectification measures are properly carried out.			Bngir			
E4	Report to the RSE if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions.	ngineering	En	Any other items considered essential by the RSE, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.			
E5	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	tine and En items					
E6	Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed, including checking the video record for demolition works.	-					
E7	Check that there is no over-excavation and temporary cut slopes will not cause any instability to adjoining ground/structures/buildings.						
E8	Check that enclosing walls for top down construction show no signs of defect or lack of soundness.						
E9	Check and monitor that lateral supports are installed in accordance with approved/agreed working sequence and not to be removed in advance of adequate propping or restraint.						
E10	Check that the design and supports of formwork, shoring and temporary working platform are adequate to support all intended loads.	sering					
E11	Check that there is no risk of artesian conditions for excavation and lateral support works.	Engine					
E12	Check that stability and integrity of nearby buildings and ground are not adversely affected.						
E13	Check that the groundwater table is consistent with design of excavation and lateral support works.						
E14	Check that before excavation takes place, the highest new deck level for top down construction is in place and has achieved sufficient strength to provide lateral support.						
En	Any other items considered essential by the RSE, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.						

2021	1 Edition (with amendments till December 20  Table 5.3	)23 	)		2024 Edition  Table 5.3	1					
	Typical Items for the Checklist of Specific Tasks for RGE's TCPs	ļ			Typical Items for the Checklist of Specific Tasks for RGE's TCPs						
Item No.	Description			Item No.	Description						
G1	Establish system for communicating with other TCPs.	ne		G1	Establish system for communicating with other TCPs.	(1)					
G2	Check that all monitoring checkpoints are installed and readings are being taken in time.	Routine items		G2	Check that all monitoring checkpoints are installed and readings are being taken in time.	Routine					
G3	Verify non-conformity and instruct rectification works immediately. Notify all relevant parties in respect of the non-conformity and monitor that rectification measures are properly carried out.	50		G3	Verify non-conformity and site incident, and instruct rectification works immediately. Notify all relevant parties in respect of the non-conformity and site						
G4	Report to the RGE immediately if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions.	ngineering		G4	Incident and monitor that rectification measures are properly carried out.  Report to the RGE immediately if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not						
G5	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	ne and Er items			comply with rectification instructions, or if the site incident is considered as a major/serious site incident relating to safety and/or quality of works.						
G6	Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related drawings and geotechnical documentation is kept on site; and that they are followed,	Routin		G5	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	50					
G7	including checking the video record for demolition works.  Check that there is no over-excavation/over-loading and temporary cut and fill slopes will not cause any inadequate margin of safety against instability to adjoining ground/buildings/structures/utility services or any harm to members of the public and workers on site.	-				G6	Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related drawings and geotechnical documentation is kept on site; and that they are followed, including checking the video record for demolition works.				
G8	Check and monitor that the sequence of work and necessary protection works and supports are installed in accordance with approved plans/agreed method statements/precautionary measures proposals and that the supports are not to be removed or loaded in advance of adequate propping or restraint.										
G9	Check that there is no risk of hydraulic failure causing ground collapse or excessive deformation.	مد		G <mark>8</mark>	Check that there is no over-excavation/over-loading and temporary cut and fill slopes						
G10	Check that there is adequate margin of safety against instability and integrity/functionality of nearby ground/buildings/structures/utility services and members of the public and workers on site are not adversely affected/harmed.	ingineerin items			will not cause any inadequate margin of safety against instability to adjoining ground/buildings/structures/utility services or any harm to members of the public and workers on site.						
G11	Check that the ground and groundwater conditions, ground deformations/vibrations and geotechnical hazards/risks are consistent with the design of excavation and lateral support works.			G <mark>9</mark>	Check and monitor that the sequence of work and necessary protection works and supports are installed in accordance with approved plans/agreed method statements/precautionary measures proposals and that the supports are not to be removed or loaded in advance of adequate propping or restraint.						
G12	Check that the geotechnical assumptions (i.e. ground model, surface water regime, ground water regime, ground deformations/vibrations, geotechnical hazards/risks, etc.) are consistent with the geotechnical assessment/study/works design, and to			G <mark>10</mark>	Check that there is no risk of hydraulic failure causing ground collapse or excessive deformation.	Engineering					
	assess their compatibility/adequacy taking into account the actual geotechnical conditions encountered on site and the original method statement and precautionary and protective measures proposed, and update the method statement, precautionary and protective measures and advise the RGE accordingly.			G1 <mark>1</mark>	Check that there is adequate margin of safety against instability and integrity/functionality of nearby ground/buildings/structures/utility services and members of the public and workers on site are not adversely affected/harmed.	1					
Gn	Any other items considered essential by the RGE, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.			G1 <mark>2</mark>	Check that the ground and groundwater conditions, ground deformations/vibrations and geotechnical hazards/risks are consistent with the design of excavation and lateral support works.						

2021	1 Edition (with amendments till December 2023)				2024 Edition													
	Table 5.3 Typical Items for the Checklist of Specific Tasks for RGE's TCPs				Table 5.3 Cont													
Item No.	Description		Item		Description													
G1	Establish system for communicating with other TCPs.	e	No.	_	Check that the geotechnical assumptions (i.e. ground model, surface water regim													
G2	Check that all monitoring checkpoints are installed and readings are being taken in time.	Routine items	G1 <mark>3</mark>		ground water regime, ground deformations/vibrations, geotechnical hazards/risk etc.) are consistent with the geotechnical assessment/study/works design, and the second state of the consistent with the geotechnical assessment/study/works design, and the second state of the consistent with the geotechnical assessment/study/works design, and the second state of the consistent with the geotechnical assessment/study/works design, and the second state of the consistency													
G3	Verify non-conformity and instruct rectification works immediately. Notify all relevant parties in respect of the non-conformity and monitor that rectification measures are properly carried out.				assess their compatibility/adequacy taking into account the actual geotechnic conditions encountered on site and the original method statement and precautionar and protective measures proposed, and update the method statement, precautionar													
G4	Report to the RGE immediately if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions.			- 1	and protective measures and advise the RGE accordingly.													
G5	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	an	Gn	!	Any other items considered essential by the RGE, including those for qualities supervision and other conditions imposed by the BA at approval and/or conse stage.													
G6	Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related drawings and geotechnical documentation is kept on site; and that they are followed, including checking the video record for demolition works.																	
G7	Check that there is no over-excavation/over-loading and temporary cut and fill slopes will not cause any inadequate margin of safety against instability to adjoining ground/buildings/structures/utility services or any harm to members of the public and workers on site.																	
G8	Check and monitor that the sequence of work and necessary protection works and supports are installed in accordance with approved plans/agreed method statements/precautionary measures proposals and that the supports are not to be removed or loaded in advance of adequate propping or restraint.		ı I															
G9	Check that there is no risk of hydraulic failure causing ground collapse or excessive deformation.	50																
G10	Check that there is adequate margin of safety against instability and integrity/functionality of nearby ground/buildings/structures/utility services and members of the public and workers on site are not adversely affected/harmed.					Engineerin items												
G11	Check that the ground and groundwater conditions, ground deformations/vibrations and geotechnical hazards/risks are consistent with the design of excavation and lateral support works.																	
G12	Check that the geotechnical assumptions (i.e. ground model, surface water regime, ground water regime, ground deformations/vibrations, geotechnical hazards/risks, etc.) are consistent with the geotechnical assessment/study/works design, and to assess their compatibility/adequacy taking into account the actual geotechnical conditions encountered on site and the original method statement and precautionary and protective measures proposed, and update the method statement, precautionary and protective measures and advise the RGE accordingly.																	
Gn	Any other items considered essential by the RGE, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.																	

2(	021 Edition (with amendments till December 2023)	)		2024 Edition					
	Table 5.4 Typical Items for the Checklist of Specific Tasks for RC's TCPs			Item	Table 5.4 Typical Items for the Checklist of Specific Tasks for RC's TCPs Description				
Item	Description			No.	•				
No. C1	Establish system for communicating with other TCPs.		<b>-</b>	C1	Establish system for communicating with other TCPs.				
C2	Check that the erection of hoarding, covered walkway and catch platform has been erected to ensure public safety in accordance with the hoarding plan accepted by the			C2	Check that the erection of hoarding, covered walkway and catch platform has been erected to ensure public safety in accordance with the hoarding plan accepted by the BA.				
C3	BA.  Check and ensure that there are arrangements for access and egress of vehicles which			СЗ	Check and ensure that there are arrangements for access and egress of vehicles which are satisfactory and do not endanger the public or other road users.				
C4	are satisfactory and do not endanger the public or other road users.  Check that scaffolding is adequately secured to the building to prevent collapse; catch fans, catch platforms and protection screens are adequately installed so as to			C4	Check that scaffolding is adequately secured to the building to prevent collapse; catch fans, catch platforms and protection screens are adequately installed so as to secure safety against falling objects.				
C5	secure safety against falling objects.  Check that restraining guy ropes and/or nets are provided before removal of external			C5	Check that restraining guy ropes and/or nets are provided before removal of external walls for demolition works.				
	walls for demolition works.	Routine	tems	C6	Check that there is no excessive debris on floor slabs and against external walls for demolition works.				
C6	Check that there is no excessive debris on floor slabs and against external walls for demolition works.	Re	-	C7	check that relate chate and relate openings are properly recated.				
C7	Check that refuse chute and refuse openings are properly located.			C8	Check and ensure that all monitoring checkpoints and other geotechnical instrumentation have been installed and are regularly monitored; the results are kept on site; and that abnormal readings are reported to AP/RSE/RGE and the BA.				
C8	Check and ensure that all monitoring checkpoints and other geotechnical instrumentation have been installed and are regularly monitored; the results are kept on site; and that abnormal readings are reported to AP/RSE/RGE and the BA.			C9	Check that all monitoring checkpoints are installed and the readings are taken in time.				
С9	Check that all monitoring checkpoints are installed and the readings are taken in time.			C10	Check that loose materials, boulders, construction plants or temporary stockpiles of materials are not present at the crest or intermediate benches of slopes.				
	Check that loose materials, boulders, construction plants or temporary stockpiles of materials are not present at the crest or intermediate benches of slopes.			C11	Check that the mobile plant alert system <sup>13</sup> and/or the tower crane alert system <sup>15</sup> for building works involving the use of mobile plants and/or tower cranes are properly installed and operating to alert the plant operators and any site personnel encroaching the danger zones, and report according to the implementation plan for any				
C11	Check that if excavation plants and piling rigs are operated on ground, the state of the ground is fit for use; and if the plants are operated on an elevated working platform, the platform is adequate to support the plant and all other imposed loads.	Engineering		C12	Check that if excavation plants and piling rigs are operated on ground, the state of the ground is fit for use; and if the plants are operated on an elevated working				
C12	Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.	and	items	C1 <mark>3</mark>	platform, the platform is adequate to support the plant and all other imposed loads.  Check and satisfy that a copy of approved plans (or submitted plans for minor works), method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.				
C13	Check that mechanical plant is operating safely and in accordance with method statements and proppings are provided in accordance with approved demolition plans.	Routine		C1 <mark>4</mark>	drawings is kept on site; and that they are followed.  Check that mechanical plant is operating safely and in accordance with method statements and proppings are provided in accordance with approved demolition plans.				

<u> 202</u>	1 Edition (with amendments till December 202	<u> 23)</u>		2024 Edition																			
	Table 5.4 Cont'd	ŀ		Table 5.4 Cont'd	ı																		
Item No.	Description		Item No.	Description																			
C14	Check that plant and machinery for lifting building material and equipment for construction is operating in accordance with method statement or safety procedures; that site constraint, proximity to hazards, space limitation and suitability of the support for plant and machinery have been considered and checked properly; that safety inspections, safety measures and appointment of competent persons as required by relevant Ordinances have been implemented/carried out.		C1 <mark>5</mark>	Check that plant and machinery for lifting building material and equipment for construction is operating in accordance with method statement or safety procedures; that site constraint, proximity to hazards, space limitation and suitability of the support for plant and machinery have been considered and checked properly; that safety inspections, safety measures and appointment of competent persons as required by relevant Ordinances have been implemented/carried out.																			
C15	Check that permit to work has been obtained and safety measures implemented if public street is to be occupied/affected for lifting operation.		C16	Check that the temporary works providing support to the tower crane are constructed, altered and dismantled in accordance with the certified plans and construction																			
C16	Check that procedures for the excavation and lateral support works are carried out in accordance with the approved/submitted plans/agreed working sequence.		015	drawings.																			
C17	Check that falsework for elevated structure is erected in accordance with the design proposal.	ine and Engineering Items	and Engineering Items	and Engineering Items	C17	Check that the plans, construction drawings, design justifications, standard forms, test reports and completion certificate of the temporary works providing support to the tower crane are properly kept on site.																	
C18	Check that during site formation works, existing nullahs and watercourses are properly diverted.				and Engineering Items	and Engineering Items	and Engineering Items	C18	Check that permit to work has been obtained and safety measures implemented if public street is to be occupied/affected for lifting operation.	-													
C19	Inspect slopes to check that temporary drainage is adequate and that unexpected channels or conduits do not develop prior to forecast heavy rainstorms and during rainfall events,											:	C1 <mark>9</mark>	Check that procedures for the excavation and lateral support works are carried out in accordance with the approved/submitted plans/agreed working sequence.									
C20	Check that protective measures for blasting operation are in place and maintained.												Enginee 18	Enginee	Enginee	Enginee	Enginee	Enginee 18	Enginee 18	Enginee 18	Enginee 18	Enginee 18	Enginee
C21	Check that all lower grades TCPs are carrying out their duties in accordance with the Technical Memorandum and the Code and records are properly kept on site.							C <mark>21</mark>	Check that during site formation works, existing nullahs and watercourses are properly diverted.														
C22	Set up procedures to ensure that safety measures and safety actions are checked and recorded by the TCPs.							Routi	Routi	Routi	Routin	Routin	Routin	Routin	Routin	Routir	C <mark>22</mark>	Inspect slopes to check that temporary drainage is adequate and that unexpected					
C23	Instruct rectification of non-conformity and monitor rectification measures.			channels or conduits do not develop prior to forecast heavy rainstorms and during rainfall events,	,																		
C24	Report to relevant parties when non-conformity is observed and rectified.		C2 <mark>3</mark>	Check that protective measures for blasting operation are in place and maintained.																			
C25	Check that stability and integrity of nearby buildings and ground are not adversely affected.		C2 <mark>4</mark>	Check that all lower grades TCPs are carrying out their duties in accordance with the Technical Memorandum and the Code and records are properly kept on site.	and Engineering																		
C26	Check that enclosing walls for top down construction show no signs of defect or lack of soundness.	ineering	ring	C2 <mark>5</mark>	Set up procedures to ensure that safety measures and safety actions are checked and recorded by the TCPs.	Dontingon																	
C27	Check that before excavation takes place, the highest new deck level for top down construction is in place and has achieved sufficient strength to provide lateral support.		C2 <mark>6</mark>	Instruct rectification of non-conformity and site incident, and monitor rectification measures.	D																		
C28	Check that during excavation for top down construction, there is no unexpected deflection on the highest deck level and subsequent new floor levels.		C2 <mark>7</mark>	Report to relevant parties when non-conformity or site incident is observed and rectified.																			

	Table 5.4 Cont'd  Description	ı		Table 5.4 Cont'd	
No. C29 Che	Description	l			
			Item No.	Description	
C30   Lia	theck that the angle of cut slopes is within specified limits.		C2 <mark>8</mark>	Check that stability and integrity of nearby buildings and ground are not adversely affected.	
	iaise with AP's, RSE's and RGE's TCPs as applicable to check and satisfy that esign assumptions are validated on site.	s	C2 <mark>9</mark>	Check that enclosing walls for top down construction show no signs of defect or lack of soundness.	
	Theck that the design and supports of formwork, shoring and temporary working latform are adequate to support all intended loads.	Engineering Items	C30	Check that before excavation takes place, the highest new deck level for top down construction is in place and has achieved sufficient strength to provide lateral	
	heck that the deck and formwork are adequate for all applied loads.	nginee		support.	
	nvestigate and identify causes for non-conformity and set up systems and rocedures to avoid recurrence.	Ē	C31	Check that during excavation for top down construction, there is no unexpected deflection on the highest deck level and subsequent new floor levels.	Engineering Items
	Any other items considered essential by the AS, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.		C <mark>32</mark>	Check that the angle of cut slopes is within specified limits.	neerin
			C33	Liaise with AP's, RSE's and RGE's TCPs as applicable to check and satisfy that design assumptions, method statements and precautionary and protective measures are validated on site.	Engi
			C34	Check that the design and supports of formwork, shoring and temporary working platform are adequate to support all intended loads.	
			C3 <mark>5</mark>	Check that the deck and formwork are adequate for all applied loads.	
			C3 <mark>6</mark>	Investigate and identify causes for non-conformity or site incident and set up systems and procedures to avoid recurrence.	
			Cn	Any other items considered essential by the AS, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.	

2021 Edition (with amendments till December 2023)								202	4 Edition		
				Table 6.3 Cont'd		Table (					
	` ´		e Diameter Bored , Barrette Piles and the			(b)		e Diameter Bored b, Barrette Piles and the			
F7		(i)	Setting out of piles	Check that the locations of piles agree with approved plan.		F <b>7</b>	(i)	Setting out of piles	Check that the locations of piles agree wit approved plan.		
F8			Pre-drilling (To determine the proposed founding levels of piles)	Supervise the pre-drilling operation; the logging of soil/rock samples, and to measure the depth of drillholes. Ensure that the retrieved samples are not tampered.		F8	(ii)	Pre-drilling (To determine the proposed founding levels of piles)	Supervise the pre-drilling operation; the loggin of soil/rock samples, and to measure the depth odrillholes. Ensure that the retrieved samples are not tampered.		
F9			Verification of founding stratum	Measure the depth of excavation and check the quality of retrieved materials at the founding stratum.		F9	(iii)	Verification of founding stratum	Measure the depth of excavation and check th quality of retrieved materials at the foundin stratum.		
F10		. ,	Installation of piles (Grouting operation when required)	Check that proper working procedures of pile installation are followed and anomalies rectified. Check the correct grout mix, grout pressure and grout volume are being used and the adjacent building structures are not adversely affected.	F	710	(iv)	Installation of piles (Grouting operation when required)	Check that proper working procedures of pil installation are followed and anomalies rectified Check the correct grout mix, grout pressure an grout volume are being used and the adjacer building structures are not adversely affected.		
F11		(v)	Preparation of pile base	Ensure that pile base is clean.	F	11	(v)	Preparation of pile base	Ensure that pile base is clean.		
F12		,	Fabrication and installation of rebar cage and placing of concrete	Check that sufficient and correct amount of rebars are provided and proper concreting method is used.	F	12	(vi)	Fabrication and installation of rebar cage and placing of concrete	Check that sufficient and correct amount or rebars are provided and proper concreting method is used.		
F13		(vii)	Interface core-drilling	Check that the quality of concrete and foundation rock conforms with that specified in the approved plan and that concrete and rock are in good contact at the interface.	F	713	(vii)	Interface proof drilling	Check that the quality of concrete and foundation rock conforms with that specified in the approve plan and that concrete and rock are in good contact at the interface.		
F14		` /	Proof test (Verification on the performance of the as- constructed piles)	Supervise the core drilling operation of the proof test and the logging of concrete/rock samples and measure the depth of drillhole. Ensure that retrieved samples are securely stored and delivered to laboratory for testing.	F	14	(viii)	Proof core-drilling test (Verification on the performance of the as- constructed piles)	Supervise the core drilling operation of the proceed test and the logging of concrete/rock samples and measure the depth of drillhole.  Ensure that retrieved samples are securely store and delivered to laboratory for testing.		

	2021 Edition (with amendments till December 2023)		2024 Edition
6.27	Pre-drilling, interface core-drilling, post-installation drilling and proof	6.27	Pre-drilling, interface proof drilling, post-installation drilling and proof
	test core-drilling for foundation works must be carried out by a		core-drilling test for foundation works must be carried out by a
	RSC(GIFW) and be supervised by the site supervisors responsible for the		RSC(GIFW) and be supervised by the site supervisors responsible for the
	quality supervision of foundation works. There is no need to submit a		quality supervision of foundation works. There is no need to submit a
	separate supervision plan for the pre-drilling and post-installation drilling		separate supervision plan for the pre-drilling and post-installation drilling
	works.		works.

#### 2021 Edition (with amendments till December 2023)

- 8.8 A scale factor of less than one would allow visits of duration of less than one full day but at the same frequency level. The minimum frequency level of site inspections as set out in Table 1 of the Technical Memorandum should not be reduced. For full time TCPs, they should be stationed on site to provide continuous supervision<sup>1</sup>. The RC should allocate sufficient resources to provide continuous supervision on site when the building works or street works are underway, in order to ensure that:
  - (a) safety management measures and actions are implemented during the course of the above works to meet the objectives of section4.3 of the Technical Memorandum;
  - (b) the building works and street works (including the associated temporary works) are carried out properly in accordance with the specifications, method statements, plans approved by the BA and any order made / condition imposed by the BA in respect of such works, or submitted plans for minor works;
  - (c) any problems encountered are timely resolved before being covered up or proceeded to the next stage of works; and
  - (d) any non-conformity identified is properly handled in accordance with paragraphs 5.5 to 5.9 and 10.5 of this Code. For any task specific qualified supervision requirements imposed by the BA as conditions of plan approval or granting of consent for commencement of works pursuant to any provision of the BO or its subsidiary legislations, they would be specified at the time of imposing the conditions where appropriate.

#### 2024 Edition

- 8.8 A scale factor of less than one would allow visits of duration of less than one full day but at the same frequency level. The minimum frequency level of site inspections as set out in Table 1 of the Technical Memorandum should not be reduced. For full time TCPs, they should be stationed on site to provide continuous supervision <sup>16</sup>. The RC should allocate sufficient resources to provide continuous supervision on site when the building works or street works are underway, in order to ensure that:
  - safety management measures and actions are implemented during
    the course of the above works to meet the objectives of section
    4.3 of the Technical Memorandum;
  - (b) the building works and street works (including the associated temporary works) are carried out properly in accordance with the specifications, method statements, plans approved by the BA and any order made / condition imposed by the BA in respect of such works, or submitted plans for minor works;
  - (c) any problems encountered are timely resolved before being covered up or proceeded to the next stage of works; and
  - (d) any non-conformity identified is properly handled in accordance with paragraphs 5.5 to 5.9 and 10.5 of this Code, and any major/serious site incidents relating to building works identified are properly handled in accordance with paragraphs 11.2 to 11.8 of this Code. For any task specific qualified supervision requirements imposed by the BA as conditions of plan approval or granting of consent for commencement of works pursuant to any provision of the BO or its subsidiary legislations, they would be specified at the time of imposing the conditions where appropriate.

	2021	Edition (w	rith amendments till December 2023)	2024 Edition	
8.22	Unleadiffer (a)  (b)  (c)  (d)	ss otherwise strent grades of for T1  for T2  for T3  for T4 and Tallified supervisionised as local	specified, the total relevant working experience of TCP should be aggregated as follows:  - The relevant experience must have been gained within the previous 5 years and at least 1 year must be local <sup>2</sup> site experience.  - Similar to T1 but the experience must be closely related to the type of works concerned.  - The relevant experience must have been gained within the previous 8 years and at least 1 year must be local <sup>2</sup> experience.  T5 - The relevant experience must have been gained within the previous 8 years and at least 1 year must be local <sup>2</sup> experience.  T6 - The relevant experience must have been gained within the previous 8 years and at least 1 year must be local <sup>2</sup> experience.  T6 - The relevant experience must have been gained within the previous 8 years and at least 1 year must be local <sup>2</sup> experience.	8.22 Unless otherwise specified, the total relevant working experience different grades of TCP should be aggregated as follows:  (a) for T1 - The relevant experience must have been gained within the previous 5 years and at least 1 ye must be local site experience.  (b) for T2 <sup>18</sup> - Similar to T1 but the experience must be close related to the type of works concerned.  (c) for T3 <sup>18</sup> - The relevant experience must have been gained within the previous 8 years and at least 1 ye must be local experience must have been gained within the previous 8 years and at least 1 ye must be local experience must have been gained within the previous 8 years and at least 1 ye must be local experience for TCP experience gained in Hong Kong construction sites. The qualified supervision experience gained from factories outside Hong Kong may recognised as local site experience, provided that such qualified supervision are requirements and conditions imposed under the BO upon plan approval.  Any person possessing the respective minimum qualifications and experience for TCP	ed ar ly ed ar ed ar he be be of
				grades T2, T3 and T4 pursuant to paragraphs 8.26 and 8.27 except lacking 1 year loc experience, may apply for inclusion in the TCP List described in paragraph 8.25, of a low grade in the respective types of TCP categories set out in Table 8.9. Persons accepted inclusion in the TCP List are deemed to possess the equivalent minimum qualifications a experience required for the relevant TCP grades for the purpose of paragraph 8.29.  Local experience refers to experience gained in Hong Kong working in local project including design, administration and site supervision work relevant to the duties of a TC of appropriate grade under each stream of supervision. It also includes qualifications approvision experience gained from factories outside Hong Kong provided such qualifications are requirements and conditions imposed under the BO upon plan approval.	er for nd ets CP ed

#### 2021 Edition (with amendments till December 2023)

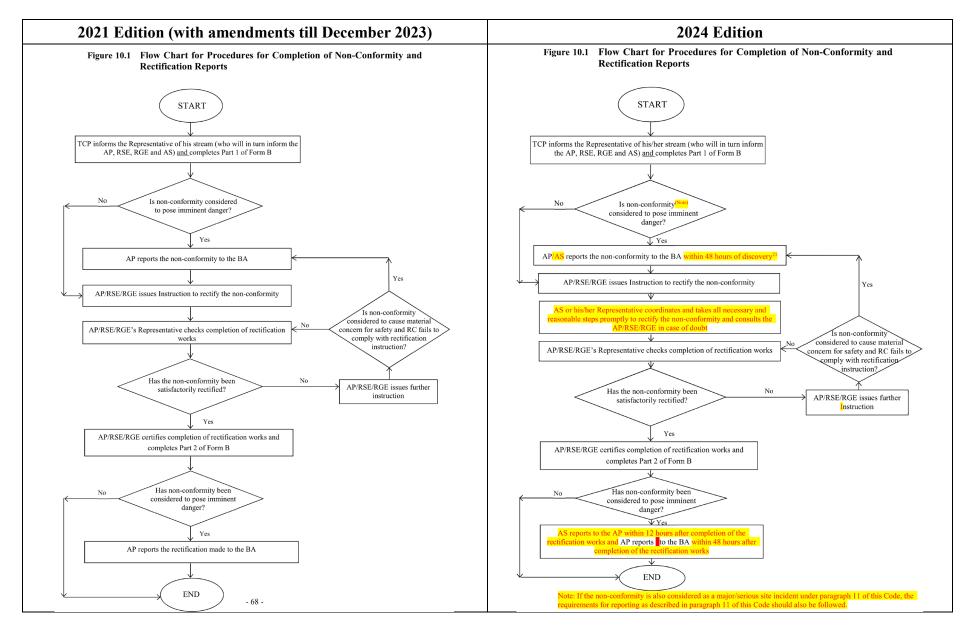
			Table 9.1			
Supervision 1	Requi	irement	s for Critical Stages of Buildi	ing Works <sup>(No</sup>	otes 1, 2 & 3)	
Type of Building Works		Cri	tical Stages of Work	Inspection RC's T4	Frequency RSE's T5	
Dunuing Works	(a)	Drive	n Piles	RC 3 1 4	KSE 3 T	
		(i) (ii) (iii)	Final sets Proof load test	First test pile 5% At least one proof load test	First test pile 5% At least on proof load tes	
	(b)	Large and the	Diameter Bored Piles, Barrette Piles e like			
		(i) (ii) (iii)	Post construction proof drilling	Twice a week 5% At least one post	N/A 5% At least on post	
Foundation		(iv)	Proof load test, if any	construction proof drilling At least one proof load test	construction proof drilling At least one proof load tes	
	(c)	Mini-p like	iles, Socketed Steel H-piles and the			
		(i) (ii) (iii)	Pre-drilling Verification of founding stratum Proof load test	Twice a week 5% At least one proof load test	N/A 3% At least one proof load tes	

#### 2024 Edition

Table 9.1							
Supervision 1	Requ	irement	s for Critical Stages of Build	ing Works <sup>(No</sup>	otes 1, 2 & 3)		
Type of Building Works		Crit	ical Stages of Work	Inspection RC's T4	Frequency RSE's T5		
Dunuing Works	(a)	Driver	Piles	KC 3 14	KSE S 13		
		(i) (ii) (iii)	Driving test Final sets Proof load test	First test pile 5% At least one proof load test	First test pile 5% At least on proof load tes		
	(b)	Large l	Diameter Bored Piles, Barrette Piles like				
		(i) (ii) (iii)	Pre-drilling Verification of founding stratum Interface proof drilling	Twice a week 5% At least one post	N/A 5% At least on post		
Foundation		(iv)	Proof load test, if any	construction proof drilling At least one proof load test	construction proof drilling At least one proof load tes		
	(c)	Mini-p like	iles, Socketed Steel H-piles and the				
		(i) (ii) (iii)	Pre-drilling Verification of founding stratum Proof load test	Twice a week 5% At least one proof load test	N/A 3% At least one proof load tes		

	2021	Edition (with amendments till December 2023)	2024 Edition			
	Non-c	conformity and Rectification Reports	Non-conformity and Rectification Reports			
10.5	Other	Other than those non-conformities described in paragraphs 5.6 to 5.8 of this		Other	r than those non-conformities described in paragraphs 5.6 to 5.8 of this	
	Code,	if a non-conformity arises and comes to the attention of a TCP, the	Code, if a non-conformity arises and comes to the attention of a T			
	follov	ving procedures should be initiated:		follov	wing procedures should be initiated:	
	(a)	The TCP informs the Representative of his own stream (who will		(a)	The TCP informs the Representative of his/her own stream (who	
		in turn inform the AP, RSE, RGE and AS of the non-conformity)			will in turn inform the AP, RSE, RGE and AS of the	
		and completes Part 1 of Form B;			non-conformity) and completes Part 1 of Form B;	
	(b)	If the non-conformity is considered to pose an imminent danger,		(b)	If the non-conformity is considered to pose an imminent danger <sup>20</sup> ,	
		the AP reports the non-conformity to the BA;			the AP reports the non-conformity to the BA as soon as practicable	
	(c)	AP/RSE/RGE issues Instruction to the RC to rectify the			and in any event within 48 hours of discovery <sup>21</sup> . In the event that	
		non-conformity;			the non-conformity is discovered by RSE/RGE/AS, the	
	(d)	AP/RSE/RGE's Representative will ensure that the rectification			Representatives of AP/RSE/RGE/AS, or TCPs under their streams	
		works are completed promptly and satisfactorily;			of supervision, they should report the non-conformity to the AP	
	(e)	If the non-conformity is considered to cause material concern for			within 12 hours of discovery <sup>21</sup> to enable the AP to report to the BA	
		safety and the RC fails to comply with the rectification instruction,			within the time frame. Alternatively, the AS may report direct to	
		the AP will coordinate further action and report the non-conformity			the BA and copy to the AP within 48 hours of discovery <sup>21</sup> . In any	
		to the BA;			event, the AP should ensure the non-conformity posing an	
	(f)	Otherwise, AP/RSE/RGE certifies the completion of the			imminent danger is to be reported to the BA within the time frame;	
		rectification works and complete Part 2 of Form B; and		(c)	AP/RSE/RGE issues Instruction to the RC to rectify the	
	(g)	If the non-conformity has been considered to pose an imminent			non-conformity;	
		danger, AP reports to the BA the rectifications made.	20 In	the evi	ent that urgent work is required for any accident or emergency, notice in the	
		w chart showing the procedures for completion of non-conformity ectification reports is shown in Figure 10.1.	sp se w: <sup>21</sup> "I	ecified ection 19 ithin 48 Discover	form (Form BA7) for such work is required to be given to the BA pursuant to $O(1)$ of the BO, either before such work is authorised by the building owner or hours after it has been commenced whichever is the earlier.  Try' means when the non-conformity is discovered by the AP/RSE/RGE/AS, or	
	and re	ecunication reports is snown in rigure 10.1.			sentatives/TCPs under their streams of supervision, whichever is the earlier.	

	202	1 Edition (with amendments till December 2023)		2024 Edition
	Non-	conformity and Rectification Reports	(d)	AS or his/her Representative should coordinate and take all
10.5	Othe	r than those non-conformities described in paragraphs 5.6 to 5.8 of this		necessary and reasonable steps promptly to rectify the non-
	Code	e, if a non-conformity arises and comes to the attention of a TCP, the		conformity and consult the AP/RSE/RGE in case of doubt;
	follo	wing procedures should be initiated:	(e)	AP/RSE/RGE's Representative will ensure that the rectification
	(a)	The TCP informs the Representative of his own stream (who will		works are completed promptly and satisfactorily;
		in turn inform the AP, RSE, RGE and AS of the non-conformity)	(f)	If the non-conformity is considered to cause material concern for
		and completes Part 1 of Form B;		safety and the RC fails to comply with the rectification instruction,
	(b)	If the non-conformity is considered to pose an imminent danger,		the AP will coordinate further action and report the non-conformity
		the AP reports the non-conformity to the BA;		to the BA within 48 hours upon knowing the RC fails to comply
	(c)	AP/RSE/RGE issues Instruction to the RC to rectify the		with the rectification instruction;
		non-conformity;	(g)	Otherwise, AP/RSE/RGE certifies the completion of the
	(d)	AP/RSE/RGE's Representative will ensure that the rectification		rectification works and complete Part 2 of Form B;
		works are completed promptly and satisfactorily;	(h)	If the non-conformity has been considered to pose an imminent
	(e)	If the non-conformity is considered to cause material concern for		danger <sup>20</sup> , AP reports to the BA within 48 hours after completion of
		safety and the RC fails to comply with the rectification instruction,		the rectification works. The AS should report to the AP within
		the AP will coordinate further action and report the non-conformity		12 hours after completion of the rectification works to enable the
		to the BA;		AP to report to the BA within the time frame;
	(f)	Otherwise, AP/RSE/RGE certifies the completion of the	(i)	If the non-conformity is also considered as a major/serious site
		rectification works and complete Part 2 of Form B; and		incident under paragraph 11 of this Code, the requirements for
	(g)	If the non-conformity has been considered to pose an imminent		reporting as described in paragraph 11 of this Code should also be
	ν.	danger, AP reports to the BA the rectifications made.		followed.
	A flo	ow chart showing the procedures for completion of non-conformity		w chart showing the procedures for completion of non-conformity ectification reports is shown in Figure 10.1.
	and 1	rectification reports is shown in Figure 10.1.	and i	confidence reports is shown in righte 10.1.



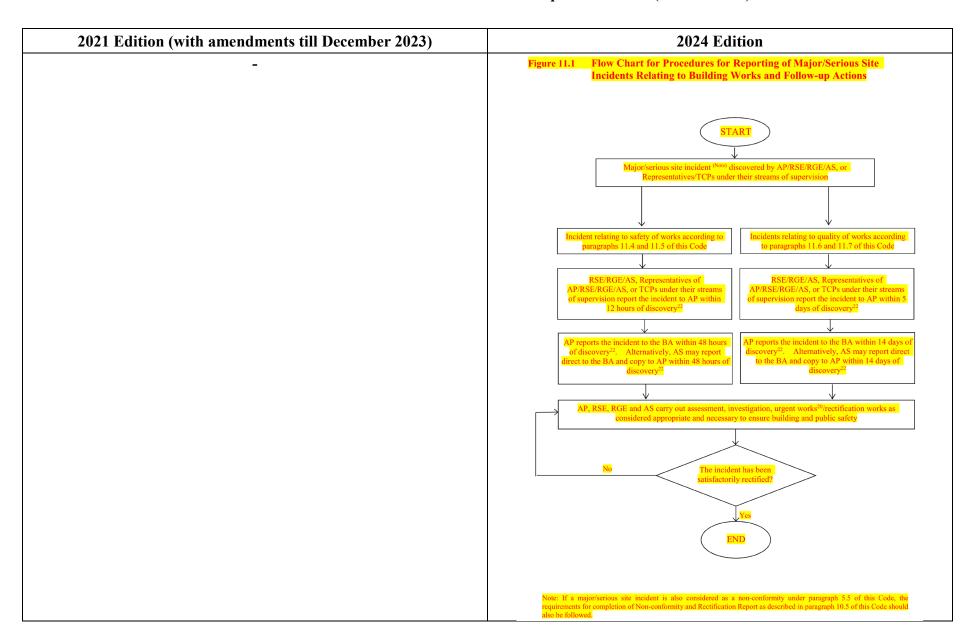
2021 Edition (with amendments till December 2023)	2024 Edition
-	11 Reporting of Major/Serious Site Incidents Relating to Building
	Works Works
	Timely Reporting of Major/Serious Site Incidents Relating to Building
	Works
	11.1 A site incident is considered as a major/serious site incident relating to
	safety of works or quality of works as set out in paragraphs 11.2 and
	11.6 of this Code respectively. The AP should timely report such
	major/serious site incidents to the BA at an early stage in accordance with
	the requirements set out in paragraphs 11.2 to 11.7 of this Code. If a
	major/serious site incident is also considered as a non-conformity under
	paragraph 5.5 of this Code, the requirements for completion of Non-
	conformity and Rectification Report as specified in paragraph 10.5 of
	this Code should also be followed.
	Major/Serious Site Incidents Relating to Safety of Works
	11.2 For a major/serious site incident relating to safety of works mentioned in
	paragraph 11.4 of this Code, the AP should report the incident to the BA as
	soon as practicable and in any event within 48 hours of discovery <sup>22</sup> . In
	the event that the incident is discovered by RSE/RGE/AS, the
	Representatives of AP/RSE/RGE/AS, or TCPs under their streams of
	supervision, they should report the incident to the AP within 12 hours of
	discovery <sup>22</sup> to enable the AP to report to the BA within the time frame.
	Alternatively, the AS may report direct to the BA and copy to the AP within
	48 hours of discovery <sup>22</sup> . In any event, the AP should ensure all reportable
	cases are to be reported to the BA within the time frame. Notwithstanding
	the reporting to the BA, the AP, RSE, RGE and AS should carry out
	assessment, investigation, urgent works <sup>20</sup> or rectification works as
	considered appropriate and necessary to ensure building and public safety
	immediately.
	"Discovery" means when the major/serious site incident is discovered by the AP/RSE/RGE/AS, or the Representatives/TCPs under their streams of supervision,
	whichever is the earlier.

2021 Edition (with amendments till December 2023)	2024 Edition
-	11.3 Such reporting requirement does not preclude any person to report
	emergency incidents to the Police for assistance. Simultaneously, the AP,
	RSE, RGE and AS should take immediate actions <sup>20</sup> to remove or mitigate
	any imminent danger resulting from the incident to ensure building and
	public safety. AP should also report to the BA within 48 hours after
	completion of the rectification works.
	11.4 A site incident is considered as a major/serious site incident relating to
	safety of works if the incident:
	(a) may cause or has caused loss of life, serious bodily injury <sup>23</sup> or
	damage to property;
	(b) may cause or has caused imminent danger to any buildings,
	structures or land; or
	(c) may cause or has caused material concern relating to safety of any
	building works or street works.
	Resulting in a loss or an amputation of a limb, or being categorised as in critical condition in the hospital.

2021 Edition (with amendments till December 2023)	2024 Edition
-	11.5 The major/serious site incidents described in paragraph 11.4 of this Code
	may involve either one or a combination of site safety related issues.
	Examples of site safety related issues, which are not meant to be exhaustive,
	are given below for reference:
	(a) Collapse of permanent structure or part of permanent structure;
	(b) Collapse of temporary steel platform/falsework/formwork/propping/
	excavation and lateral support;
	(c) Collapse of plant or equipment such as tower crane, material hoist and
	passenger hoist;
	(d) Sign of distress of a slope and/or notable landslide is observed;
	(e) Any reading of monitoring checkpoint reached or exceeded the trigger
	value of the "Action Level" specified in the monitoring scheme;
	(f) Undue settlement, sign of distress or damage has been observed in any
	adjacent structures, ground and/or services;
	(g) The safety of railway facilities or railway operation has been so
	affected by the building works concerned requiring suspension of the
	building works;
	(h) Sign of distress or instability to any permanent structure or part of
	permanent structure is observed;
	(i) Any incident that may turn into the above situation if the RC fails to
	carry out the rectification works.

2021 Edition (with amendments till December 2023)	2024 Edition
-	Major/Serious Site Incidents Relating to Quality of Works
	11.6 For major/serious site incidents other than those mentioned in paragraphs
	11.4 and 11.5 of this Code but relating to quality of works, the
	AP/RSE/RGE/AS may require additional time to review and assess the
	situation to determine the cause and detrimental effects to the structure
	concerned. The AP should report this kind of incident to the BA within
	14 days of discovery <sup>22</sup> . In the event that the incident is discovered by
	RSE/RGE/AS, the Representatives of AP/RSE/RGE/AS, or TCPs under
	their streams of supervision, they should report the incident to the AP
	within 5 days of discovery <sup>22</sup> to enable the AP to report to the BA within the
	time frame. Alternatively, the AS may report direct to the BA and copy
	to the AP within 14 days of discovery <sup>22</sup> . In any event, the AP should
	ensure all reportable cases are to be reported to the BA within the time
	frame. Notwithstanding the reporting to the BA, the AP, RSE, RGE and
	AS should carry out assessment, investigation or rectification works as
	considered appropriate and necessary to ensure building and public safety
	without delay.

2021 Edition (with amendments till December 2023)	2024 Edition
-	11.7 Examples of major/serious site incidents relating to quality of works, which
	are not meant to be exhaustive, are given below for reference:
	(a) Any building works which are in material deviation from an
	approved plan or may cause or have caused material concern on
	quality of works;
	(b) Substandard building works requiring rectification/demolition
	works which may affect the sequence of works, have effect on the
	permanent structures, or require prior approval and consent before
	commencement;
	(c) Extensive concrete defects e.g. deformation, extensive honeycomb
	or exposure of reinforcement, etc. revealed after striking of
	formwork and RC fails to comply with the rectification instruction.
	11.8 A flow chart showing the procedures for reporting of major/serious site
	incidents relating to building works and follow-up actions is shown in
	Figure 11.1.



2021 Edition (with amendments till December 2023)	2024 Edition
-	12 Report to the Building Authority
	12.1 The AP should report to the BA in writing the non-conformity as required
	under paragraph 10.5 of this Code or major/serious site incidents as
	required under paragraphs 11.2 to 11.7 of this Code to the designated email
	address: siteincident@bd.gov.hk. The following essential information
	should be provided in the report:
	(a) Address of the site;
	(b) Location, date and time of discovery <sup>21 or 22</sup> and happening of the
	non-conformity or incident;
	(c) Contact details including name, phone number and email address;
	(d) Type of building works involved and other relevant information;
	(e) Any injury, death or damage to property involved;
	(f) Any remedial action/rectification works being taken/carried out;
	and and
	(g) Plans, site photos, test reports and documents relevant to the
	non-conformity or incident (if available).

<b>202</b> 1	Edition (with amendments till December 2023)		2024 Edition
	Sample 1 P.1 of Sample 1		Sample 1 P.1 of Sample 1
BD Ref	SM/0000/11	BD Rei	SM/0000/11
Buildin	g ProjectABC Centre	Buildin	g Project ABC Centre
Type of	f Works Excavation & Lateral Support Works	Type of	Works Excavation & Lateral Support Works
Гуріса	Items for the Checklist of Specific Tasks for AP's TCP T4	Туріса	Items for the Checklist of Specific Tasks for AP's TCP T4
Item No.	Description	Item No.	Description
A4	Check that monitoring checkpoints are installed and readings are taken in time.	A4	Check that monitoring checkpoints are installed and readings are taken in time
A5	Register reports of non-conformity and inform relevant parties of non-conformity.	A5	Register reports of non-conformity and site incident, verify non-conformity and site incident and instruct rectification works, notify all relevant parties in
A6	Report to the AP if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions.		respect of non-conformity and site incident and monitor that rectification measures are properly carried out.
A7	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	A6	Report to the AP if the non-conformity is considered to pose an imminen danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions, or if the site incident is considered as major/serious site incident relating to safety and/or quality of works.
A8	Check and satisfy that a copy of approved plans, method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.	A7	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.
A9	Check and monitor that lateral supports are installed in accordance with approved/agreed working sequence and not to be removed in advance of adequate propping or restraint.	A8	Check and satisfy that a copy of approved plans, method statements precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.
An	Any other items considered essential by the AP, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.	A <mark>10</mark>	Check and monitor that lateral supports are installed in accordance with approved/agreed working sequence and not to be removed in advance of adequate propping or restraint.
		An	Any other items considered essential by the AP, including those for quality supervision and other conditions imposed by the BA at approval and/o consent stage.

21 Edition (with amendments till December 2023)												2	024 E	dition	1		
			S	ample 1			Sample 1							ample 1			Sample 1 Form A
Form A  Record of Specific Tasks Performed by  TCP under AP <del>/ RSE / RGE / RC*</del> stream										Record of Specific Tasks Performed by TCP under AP <del>/ RSE / RCE*</del> stream							
BD Ref.	SI	M/0000/11								BD Ref.	Si	<u>M/0000/11</u>					
Building Proj										Building Proj	ect	BC Centre					
Type of Worl	ss Exc	cavation &	Lateral S	Support Wo	orks					Type of Work					orks		
Name of TCP	1	Mr Cho	an Tai-ma	m						Name of TCP			an Tai-ma				
Grade of TCI	·	T4	F	requency	of Inspect	ion <i>mont</i>	hly			Grade of TCP	· —	T4	F	requency	of Inspecti	on <u>moni</u>	thly
Date DD/MM/YY	17/1/00 (Mon)	17/2/00 (Thu)	17/3/00 (Fri)	17/4/00 (Mon)						Date DD/MM/YY	17/1/00 (Mon)	17/2/00 (Thu)	17/3/00 (Fri)	17/4/00 (Mon)			
Item No.#	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS			Item No.#	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS
A4	S	S								A4	S	S					
A5	S	S								A5	S	S					
A6	S	S								A6	S	S					
A7	S	S								A7	S	S					
A8	S	S								A8	S	S					
A9	S	S								A <mark>10</mark>	S	S					
An	S	S								An	S	S					
An																	
Signature										Signature							
	ppropriate	ctory (It sl whe	ere applica	able, Form	<b>B</b> <sup>3</sup> )	pervision rep	port and,				propriate	ctory (It sl whe	ere applica	ble, Form		ervision rep	port and,
Full name of t If a non-confo same inspecti Completion o (b) does not he	he TCP as pormity is very on, it would f <b>Form B</b> is ave material	provided in the provided in the provided in the provided frequired for concern for	he supervision ature and hast as "satisfac for a non-consafety but the	on plan. s been rectifictory". nformity that	ed to the satis  (a) has matery/rectification	ial concern for	safety; or			Full name of the If a non-confossame inspectic Completion of (b) does not had due to the area	ne TCP as printy is ver on, it would Form B is ve material	rovided in the provided in the	ne supervision ature and has as "satisfac or a non-con safety but th	on plan. s been rectifictory". formity that e works item.	ed to the satis:  (a) has materi	al concern for	r safety; or

2021	Edition (with amendments till December 2023)		2024 Edition
	Sample 2 P.1 of Sample 2		Sample 2 P.1 of Sample 2
BD Ref	SM/0000/11	BD Re	f. SM/0000/11
Buildin	g ProjectABC Centre	Buildi	ng ProjectABC Centre
Type of	WorksExcavation & Lateral Support Works		f Works Excavation & Lateral Support Works
Typical	Items for the Checklist of Specific Tasks for RSE's TCP T5	Туріса	l Items for the Checklist of Specific Tasks for RSE's TCP T5
Item No.	Description	Item No.	
E5	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	E5	Check that all lower grade TCPs and RC's TCPs are making inspections n less than the required frequency and carrying out duties in accordance with th Technical Memorandum and the Code.
E6	Check and satisfy that a copy of approved plans, method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.	E6	Check and satisfy that a copy of approved plans, method statements precautionary and protective measures proposals and all related drawings i kept on site; and that they are followed.
E7	Check that there is no over-excavation and temporary cut slopes will not cause any instability to adjoining ground/structures/buildings.	E <mark>8</mark>	Check that there is no over-excavation and temporary cut slopes will not caus any instability to adjoining ground/structures/buildings.
E9	Check and monitor that lateral supports are installed in accordance with approved/agreed working sequence and not to be removed in advance of adequate propping or restraint.	E <mark>10</mark>	Check and monitor that lateral supports are installed in accordance wit approved/agreed working sequence and not to be removed in advance of
E11	Check that there is no risk of artesian conditions for excavation and lateral support works.	E12	adequate propping or restraint.  Check that there is no risk of artesian conditions for excavation and latera
E12	Check that stability and integrity of nearby buildings and ground are not adversely affected.	D12	support works.
E13	Check that the groundwater table is consistent with design of excavation and	E1 <mark>3</mark>	Check that stability and integrity of nearby buildings and ground are no adversely affected.
E15	lateral support works.  Check that preloading of struts is properly carried out.	E1 <mark>4</mark>	Check that the groundwater table is consistent with design of excavation an lateral support works.
	Any other items considered essential by the RSE, including those for quality	E15	Check that preloading of struts is properly carried out.
En	supervision and other conditions imposed by the BA at approval and/or	EIS	
l	consent stage.	En	Any other items considered essential by the RSE, including those for quality supervision and other conditions imposed by the BA at approval and/o

			Sa	mple 2							Sa	mple 2				
						P 2 of S	Sample 2						_	P 2 of	Sample 2	
							Form A							1.201	Form A	
				sks Perfor RGE / RC						cord of Sp under <del>Al</del>						
BD Ref.		SM/0000	0/11					BD Ref.		SM/0000	0/11					
Building Proje	ct	ABC Ce	ntre					Building Proje	ect	ABC Ce	ntre					
Type of Works	Exce	avation &	Lateral Su	pport Wor	·ks			Type of Work	s Exc	avation &	Lateral Su	pport Wo	rks			
Name of TCP <sup>1</sup>		Mr Lee	Tai-man					Name of TCP <sup>1</sup>		Mr Lee '	Tai-man	-				
Grade of TCP										T5	Frequency of Inspection <u>fortnightly</u>					
Date DD/MM/YY	17/1/00 (Mon)	31/1/00 (Mon)	14/2/00 (Mon)	28/2/00 (Mon)	13/3/00 (Mon)	27/3/00 (Mon)	10/4/00 (Mon)	Date DD/MM/YY	17/1/00 (Mon)	31/1/00 (Mon)	14/2/00 (Mon)	28/2/00 (Mon)	13/3/00 (Mon)	27/3/00 (Mon)	10/4/00 (Mon)	
Item No.#	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	Item No.*	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	
E5	S	S						E5	S	S						
E6	S	S						E6	S	S						
E7	S	S						E <mark>8</mark>	S	S						
E9	S	S						E <mark>10</mark>	S	S						
E11	S	S						E1 <mark>2</mark>	S	S						
E12	S	S						E1 <mark>3</mark>	S	S						
E13	S	S						E1 <mark>4</mark>	S	S						
E15	S	S						E15	S	S						
En	S	S						En	S	S						
Signature								Signature								
	propriate	tory (It sho wher	re applicab	ole, Form I	<b>B</b> <sup>3</sup> )	ervision rep	port and,		propriate	tory (It she wher	re applicab	ole, Form		ervision re	eport and	
Full name of the TCP as provided in the supervision plan.  If a non-conformity is very minor in nature and has been rectified to the satisfaction of the TCP at the same inspection, it would be recorded as "satisfactory".										ovided in the minor in nat	ure and has	been rectifie	d to the satis	action of the	e TCP at the	

202	1 Edition (with amendments till December 2023)		2024 Edition					
	Sample 3 P.1 of Sample 3		Sample 3 P.1 of Sample 3					
D Ref.	SM/0000/11	BD Ref	f. SM/0000/11					
uilding	g Project ABC Centre		ng Project ABC Centre					
pe of	Works Excavation & Lateral Support Works		f Works Excavation & Lateral Support Works					
Item No.	Items for the Checklist of Specific Tasks for RGE's TCP T3  Description	Item	l Items for the Checklist of Specific Tasks for RGE's TCP T3  Description					
G1	Establish system for communicating with other TCPs.	No. G1	Establish system for communicating with other TCPs.					
G2	Check that all monitoring checkpoints are installed and readings are being taken in time.	G2	Check that all monitoring checkpoints are installed and readings are taken in time.					
G3	Verify non-conformity and instruct rectification works immediately. Notify all relevant parties in respect of the non-conformity and monitor that rectification measures are properly carried out.	G3	Verify non-conformity and site incident, and instruct rectification work immediately. Notify all relevant parties in respect of the non-conformity arsite incident and monitor that rectification measures are properly carried out					
G4	Report to the RGE immediately if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions.	G4	Report to the RGE immediately if the non-conformity is considered to pose a imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions, or if the site incident is considered.					
G5	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.		as a major/serious site incident relating to safety and/or quality of works.					
G6	Check and satisfy that a copy of approved plans, method statements, precautionary and protective measures proposals and all related drawings and geotechnical documentation is kept on site; and that they are followed.	G5	Check that all lower grade TCPs and RC's TCPs are making inspections n less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.					
Gn	Any other items considered essential by the RGE, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.	G6	Check and satisfy that a copy of approved plans, method statement precautionary and protective measures proposals and all related drawings an geotechnical documentation is kept on site; and that they are followed.					
	consen singe.	Gn	Any other items considered essential by the RGE, including those for quali					

21 I	Edition (with amendments till December 2023)			2024 Edition
	Sample 4 P.1 of Sample 4			Sample 4 P.1 of Sample 4
BD Ref	SM/0000/11	BD Ref	i	SM/0000/11
Buildin	g ProjectABC Centre	Buildin	g Project	ABC Centre
Type of	Works Excavation & Lateral Support Works	Type of	f Works	Excavation & Lateral Support Works
Typical	Items for the Checklist of Specific Tasks for RC's TCP T1	Typica	l Items for the	Checklist of Specific Tasks for RC's TCP T1
Item No.	Description	Item		Description
	Establish system for communicating with other TCPs.	No. C1	Establish syst	tem for communicating with other TCPs.
C2	Check that the erection of hoarding, covered walkway and catch platform has been erected to ensure public safety in accordance with the hoarding plan accepted by the BA.		Check that th	e erection of hoarding, covered walkway and catch platform ha to ensure public safety in accordance with the hoarding plat
С3	Check and ensure that there are arrangements for access and egress of vehicles which are satisfactory and do not endanger the public or other road users.	C3		sure that there are arrangements for access and egress of vehicle isfactory and do not endanger the public or other road users.
C8	Check and ensure that all monitoring checkpoints and other geotechnical instrumentation have been installed and are regularly monitored; the results are kept on site; and that abnormal readings are reported to AP/RSE/RGE and the BA.	C8	instrumentation	nsure that all monitoring checkpoints and other geotechnica on have been installed and are regularly monitored; the results are and that abnormal readings are reported to AP/RSE/RGE and the
C9	Check that all monitoring checkpoints are installed and the readings are taken in time.	C9	Check that all	I monitoring checkpoints are installed and the readings are taken
C10	Check that loose materials, boulders, construction plants or temporary		in time.	
	stockpiles of materials are not present at the crest or intermediate benches of slopes.	C10		loose materials, boulders, construction plants or temporary materials are not present at the crest or intermediate benches o
C12	Check and satisfy that a copy of approved plans, method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.	C1 <mark>3</mark>	Check and	satisfy that a copy of approved plans, method statements
C16	Check that procedures for the excavation and lateral support works are carried out in accordance with the approved/submitted plans/agreed working			and protective measures proposals and all related drawings i and that they are followed.
	sequence.	C1 <mark>9</mark>		ocedures for the excavation and lateral support works are carried rdance with the approved/submitted plans/agreed working
Сп	Any other items considered essential by the AS, including those for quality supervision and other conditions imposed by the BA at approval and/or		sequence.	
	consent stage.	Cn		ms considered essential by the AS, including those for quality and other conditions imposed by the BA at approval and/o

21 Editio	on (w	ith an	iendn	nents	till D	eceml	oer 20			20	24 E	dition			
BD Ref. Building Proje Type of Work	TC		pecific Tas P/RSE/) 0/11 ntre	<del>RGE</del> ≠RC	* stream		Sample 4 Form A	BD Ref. Building Pro	ect	ecord of S P under A SM/000 ABC Ce	pecific Ta P / RSE / 0/11 entre	RGE / RC	* stream		
Name of TCP <sup>1</sup>		Mr Lo T		φροτι ποι	KS			Type of Worl		<u>cavation &amp;</u> Mr Lo I		upport woi	rKS		
Grade of TCP		TI	Fr	requency o	of Inspecti	onfull	time	Grade of TC		T1		requency o	of Inspect	ionfull	time
Date DD/MM/YY	17/1/00 (Mon)	18/1/00 (Tue)	19/1/00 (Wed)	20/1/00 (Thu)	21/1/00 (Fri)	22/1/00 (Sat)	23/1/00 (Sun)	Date DD/MM/YY	17/1/00 (Mon)	18/1/00 (Tue)	19/1/00 (Wed)	20/1/00 (Thu)	21/1/00 (Fri)	22/1/00 (Sat)	23/1/00 (Sun)
Item No.#	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	Item No.*	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS
C1	S	S	S	S	S	S	S	C1	S	S	S	S	S	S	S
C2	S	S	S	S	S	S	S	C2	S	S	S	S	S	S	S
C3	S	S	S	S	S	S	S	C3	S	S	S	S	S	S	S
C8	S	S	S	S	S	S	S	C8	S	S	S	S	S	S	S
С9	S	S	S	S	S	S	S	C9	S	S	S	S	S	S	S
C10	S	S	S	S	S	S	S	C10	S	S	S	S	S	S	S
C12	S	S	S	S	S	S	S	C13	S	S	S	S	S	S	S
C16	S	S	S	S	S	S	S	C1 <mark>9</mark>	S	S	S	S	S	S	S
Cn	S	S	S	S	S	S	S	Cn	S	S	S	S	S	S	S
Signature								Signature							
	opropriate of the ite  ne TCP as primity is ver nn, it would Form B is	orovided in the yminor in nat be recorded a Required fo	re applicable attached e supervision rure and has sussentiated to a non-confer a non-confer a non-confer a non-confer a suspensive to the	n plan. been rectified	B <sup>3</sup> )  e sheet(s)  d to the satisf a) has materi	faction of the	e TCP at the		ppropriate s of the ite he TCP as pormity is ver on, it would	orovided in the yminor in na be recorded.	re applicate re attached e supervision ture and has as "satisfactor r a non-conf	n plan. been rectifie ory". formity that (	B <sup>3</sup> )  the sheet(s)  d to the satis a) has materia	faction of the	e TCP at th

021	<b>Edition (with amendments till December 2023)</b>		2024 Edition
	Sample 5 P.1 of Sample 5		Sample 5 P.1 of Sample :
BD Ref	f. SM/0000/11	BD Ref	f. SM/0000/11
Buildin	ng ProjectABC Centre	Buildir	ng ProjectABC Centre
Type of	f Works Driven Steel H-Pile Works	Type of	of Works Driven Steel H-Pile Works
	l Items for the Checklist of Specific Tasks for RSE's TCP T5	Typical	ll Items for the Checklist of Specific Tasks for RSE's TCP T5
Item No.	•	Item No.	1
E5	Check that all lower grade TCPs and RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	E5	Check that all lower grade TCPs and RC's TCPs are making inspections needs than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.
Е6	Check and satisfy that a copy of approved plans, method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.	E6	Check and satisfy that a copy of approved plans, method statement precautionary and protective measures proposals and all related drawings kept on site; and that they are followed.
	Check that stability and integrity of nearby buildings and ground are not adversely affected.  Any other items considered essential by the RSE, including those for quality	E1 <mark>3</mark>	
En	supervision and other conditions imposed by the BA at approval and/or consent stage.	En	Any other items considered essential by the RSE, including those for qualical supervision and other conditions imposed by the BA at approval and/consent stage.
F1	Check that the locations of piles agree with approved plan.		
F2	Check that design assumptions agreed with actual site conditions during driving tests.	F1	Check that the locations of piles agree with approved plan.
F3	Check that the accepted working procedures of pile driving are followed and	F2	Check that design assumptions agreed with actual site conditions durin driving tests.
	anomalies rectified during pile driving.	F3	Check that the accepted working procedures of pile driving are followed an
F4	Check the accuracy of design details during pile splicing.		anomalies rectified during pile driving.
F5	Check that the required final set has been achieved and the capacity of each pile complied with approved plans.	F4	Check the accuracy of design details during pile splicing.
F6	Check that the testing procedures and acceptance criteria of proof tests are in accordance with PNAP APP-18 and measurements are properly recorded	F5	Check that the required final set has been achieved and the capacity of eac pile complied with approved plans.
	during the test.	F6	Check that the testing procedures and acceptance criteria of proof tests are accordance with PNAP APP-18 and measurements are properly recorded.

		tecord of S CP under A	pecific Ta				Sample 5 Form A			Record of S CP under A	pecific Tas			P.2 of	Sample 5 Form A
BD Ref. Building Proj		SM/000	00/11					BD Ref. Building Pro	_	SM/000	00/11				
Type of Worl				rks				Type of Wor				ks			
Name of TCP			Tai-man					Name of TCI		Mr Lee					
Grade of TC	Р	T5	F	requency	of Inspecti	on <u>wee</u>	<u>kly</u>	Grade of TC	Р	T5	F	requency	of Inspecti	on <u>wee</u>	kly
Date DD/MM/YY	5/6/02 (Wed)	12/6/02 (Wed)	19/6/02 (Wed)	26/6/02 (Wed)	3/7/02 (Wed)	10/7/02 (Wed)	17/7/02 (Wed)	Date DD/MM/YY	5/6/02 (Wed)	12/6/02 (Wed)	19/6/02 (Wed)	26/6/02 (Wed)	3/7/02 (Wed)	10/7/02 (Wed)	17/7/02 (Wed)
Item No.#	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	Item No.#	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS
E5	S	S						E5	S	S					
E6	S	S						E6	S	S					
E12	S	S						E1 <mark>3</mark>	S	S					
En	S	S						En	S	S					
F1	S	S						F1	S	S					
F2	S P12							F2	S P12						
F3	S	S						F3	S S	S					
F4	S	S						F4	S	S					
F5	S P12							F5	S P12						
F6								F6							
Signature								Signature							
NS - ] * Delete if ina # Descriptions	appropriate s of the ite	actory (It sl whe e ems listed a	ere application attached attached attached	ble, Form  in separat	,				appropriates of the ite	actory (It should be when the common state of	re applicab	in separa	te sheet(s)		

	2021 Edition (with amendments till December 2023)		2024 Edition
	Sample 6 P.1 of Sample 6		Sample 6 P.1 of Sample 6
BD Ref.	MWXXXXXXXX  g Project XYZ Centre	BD Ref	g Project XYZ Centre
`	Works Class I Minor Works – Item 1.1 (Erection of Internal Staircase)		f Works Class I Minor Works – Item 1.1 (Erection of Internal Staircase)
Typical	Items for the Checklist of Specific Tasks for RSE's TCP T3	Typical	I Items for the Checklist of Specific Tasks for RSE's TCP T3
Item No.	Description	Item No.	Description
E1	Establish system for communicating with other TCPs.	E1	Establish system for communicating with other TCPs.
Е3	Verify non-conformity and instruct rectification works. Notify all relevant parties in respect of the non-conformity and monitor that rectification measures are properly carried out.	E3	Verify non-conformity and site incident, and instruct rectification works. Notify all relevant parties in respect of the non-conformity and site incident and monitor that rectification measures are properly carried out.
E4	Report to the RSE if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions.	E4	Report to the RSE if the non-conformity is considered to pose an imminent danger, to be a significant risk or a source of danger or the RC does not comply with rectification instructions, or if the site incident is considered as a major/serious site incident relating to safety and/or quality of works.
E5	Check that all RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.	E5	Check that all RC's TCPs are making inspections no less than the required frequency and carrying out duties in accordance with the Technical Memorandum and the Code.
E6	Check and satisfy that a copy of submitted plans for minor works, method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.	E6	Check and satisfy that a copy of submitted plans for minor works, method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.
En	Any other items considered essential by the RSE.	En	Any other items considered essential by the RSE.

### 2021 Edition (with amendments till December 2023) 2024 Edition Sample 7 Sample 7 P.1 of Sample 7 P.1 of Sample 7 BD Ref. *MWXXXXXXXXX* BD Ref. *MWXXXXXXXXXX* **Building Project** XYZ Centre **Building Project** XYZ Centre **Type of Works** Class I Minor Works – Item 1 (Erection of Internal Staircase) **Type of Works** Class I Minor Works – Item 1 (Erection of Internal Staircase) Typical Items for the Checklist of Specific Tasks for RC's TCP T1 Typical Items for the Checklist of Specific Tasks for RC's TCP T1 **Description** Item Item **Description** No. No. Establish system for communicating with other TCPs. Establish system for communicating with other TCPs. Check that scaffolding is adequately secured to the building to prevent Check that scaffolding is adequately secured to the building to prevent collapse; catch fans, catch platforms and protection screens are adequately collapse; catch fans, catch platforms and protection screens are adequately installed so as to secure safety against falling objects. installed so as to secure safety against falling objects. Check that there is no excessive debris on floor slabs and against external walls Check that there is no excessive debris on floor slabs and against external walls for demolition works. for demolition works. C12 Check and satisfy that a copy of submitted plans for minor works, method C13 Check and satisfy that a copy of submitted plans for minor works, method statements, precautionary and protective measures proposals and all related statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed. drawings is kept on site; and that they are followed. C23 Instruct rectification of non-conformity and monitor rectification measures. C26 Instruct rectification of non-conformity and site incident, and monitor rectification measures C24 Report to relevant parties when non-conformity is observed and rectified. Report to relevant parties when non-conformity or site incident is observed and Any other items considered essential by the AS. rectified. Any other items considered essential by the AS.

			Sa	mple 7		P.2 of	Sample 7				Sa	mple 7		P.2 of	Sample 7
		ecord of Sp P under Al					Form A			ecord of S <sub>I</sub> P under <del>Al</del>					Form A
BD Ref.		MWXXX	XXXXXX					BD Ref.		MWXX2	XXXXXXX				
Building Proj	ect	XYZ Cer	ıtre					Building Proje	ect	XYZ Cei	ntre				
Гуре of Work	s <u>Cla</u>	ss I Minor	Works – It	tem 1 (Erec	ction of Int	ernal Stair	rcase)	Type of Work	s <u>Cla</u>	ass I Minor	Works – I	tem 1 (Erec	ction of Int	ternal Stair	·case)
Name of TCP	1	Mr Lee	Tai man					Name of TCP		Mr Lee	Tai man				
Grade of TCP	·	T1	Fr	equency o	f Inspecti	on <u>full</u>	time	Grade of TCP		T1	Fr	equency o	of Inspecti	onfull	time
Date DD/MM/YY	7/6/10 (Mon)	8/6/10 (Tue)	9/6/10 (Wed)	10/6/10 (Thu)	11/6/10 (Fri)	12/6/10 (Sat)	13/6/10 (Sun)	Date DD/MM/YY	7/6/10 (Mon)	8/6/10 (Tue)	9/6/10 (Wed)	10/6/10 (Thu)	11/6/10 (Fri)	12/6/10 (Sat)	13/6/10 (Sun)
Item No.	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	Item No.*	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS
C1	S	S	S	S	S	S		C1	S	S	S	S	S	S	
C4	S	S	S	S	S	S		C4	S	S	S	S	S	S	
C6	S	S	S	S	S	S		C6	S	S	S	S	S	S	
C12	S	S	S	S	S	S		C1 <mark>3</mark>	S	S	S	S	S	S	
C23	S	S	S	S	S	S		C2 <mark>6</mark>	S	S	S	S	S	S	
								C2 <mark>7</mark>	S	S	S	S	S	S	
C24	S	S	S	S	S	S							-		
Сп	S	S	S	S	S	S		Сп	S	S	S	S	S	S	
Signature								Signature							
Legend:	atisfactor	$v^2$						Legend:	atisfactor	$\mathbf{v}^2$					
		ctory (It sh		corded in t		ervision re	eport and,			ctory (It sh		corded in toole, Form 1		ervision re	port and,
* Delete if inap # Descriptions					,			* Delete if inap # Descriptions		:	••		ĺ		
Full name of the		rovided in the			I to the satisf	action of the	TCP at the	<ul> <li>Full name of the</li> <li>If a non-conformal</li> </ul>					d to the satisf	faction of the	TCP at the

due to the areas have been covered up during inspection or re-inspection.

due to the areas have been covered up during inspection or re-inspection.

)21	Edition (with amendments till December 2023	)		2024 Edition
	Sample 8			Sample 8
	P.1 of Sample 8			P.1 of Sample 8
BD Ref	SM/0000/11	BD Re	f	SM/0000/11
Buildin	g ProjectXYZ Centre	Buildi	ng Project _	XYZ Centre
ype o	f Works Excavation & Lateral Support Works	Туре	of Works _	Excavation & Lateral Support Works
ypica	I Items for the Checklist of Specific Tasks for RC's TCP T4	Туріса	l Items for t	the Checklist of Specific Tasks for RC's TCP T4
Item	Description	Item		Description
No.	Establish system for communicating with other TCPs.	No. C1		system for communicating with other TCPs.
C2	Check that the erection of hoarding, covered walkway and catch platform has been erected to ensure public safety in accordance with the hoarding plan accepted by the BA.	C2		the erection of hoarding, covered walkway and catch platform has been ensure public safety in accordance with the hoarding plan accepted by
С3	Check and ensure that there are arrangements for access and egress of vehicles which are satisfactory and do not endanger the public or other road users.	C3		ensure that there are arrangements for access and egress of vehicles satisfactory and do not endanger the public or other road users.
C8	Check and ensure that all monitoring checkpoints and other geotechnical instrumentation have been installed and are regularly monitored; the results are kept on site; and that abnormal readings are reported to AP/RSE/RGE and the BA.	C8	instrument	d ensure that all monitoring checkpoints and other geotechnical ation have been installed and are regularly monitored; the results are e; and that abnormal readings are reported to AP/RSE/RGE and the BA.
C9	Check that all monitoring checkpoints are installed and the readings are taken in time.	C9	Check that time.	all monitoring checkpoints are installed and the readings are taken in
C10	Check that loose materials, boulders, construction plants or temporary stockpiles of materials are not present at the crest or intermediate benches of slopes.	C10		loose materials, boulders, construction plants or temporary stockpiles s are not present at the crest or intermediate benches of slopes.
	Check that if excavation plants and piling rigs are operated on ground, the state of the ground is fit for use; and if the plants are operated on an elevated working platform, the platform is adequate to support the plant and all other imposed loads.	C12	the ground	if excavation plants and piling rigs are operated on ground, the state of is fit for use; and if the plants are operated on an elevated working
C12	Check and satisfy that a copy of approved plans, method statements, precautionary and protective measures proposals and all related drawings is kept on site; and that they are followed.	C1 <mark>3</mark>	Check an precaution	he platform is adequate to support the plant and all other imposed loads. d satisfy that a copy of approved plans, method statements, ary and protective measures proposals and all related drawings is kept d that they are followed.
	Check that procedures for the excavation and lateral support works are carried out in accordance with the approved/submitted plans/agreed working sequence.	C19		procedures for the excavation and lateral support works are carried out nce with the approved/submitted plans/agreed working sequence.
C21	Check that all lower grades TCPs are carrying out their duties in accordance with the Technical Memorandum and the Code and records are properly kept on site.	C2 <mark>4</mark>		all lower grades TCPs are carrying out their duties in accordance with cal Memorandum and the Code and records are properly kept on site.
C25	Check that stability and integrity of nearby buildings and ground are not adversely affected.	C28		stability and integrity of nearby buildings and ground are not adversely
Сп	Any other items considered essential by the AS, including those for quality supervision and other conditions imposed by the BA at approval and/or consent stage.	Cn	Any other	items considered essential by the AS, including those for quality n and other conditions imposed by the BA at approval and/or consent

1 Edition	ı (wit	h am	endm	ents t	ill De	cemb	er 202			20	24 E	dition			
			pecific Ta	ample 8 sks Perfor RGE/RC		P.2 of	Sample 8 Form A			ecord of S <sub>I</sub> P under <del>Al</del>	pecific Ta			P.2 of	Sample 8
BD Ref. Building Proje Type of Works Name of TCP <sup>1</sup> Grade of TCP			ntre tion & Late n Tai Man	eral Suppo				BD Ref. Building Proj Type of Work Name of TCP Grade of TCI	is		ntre ion & Late n Tai Man	eral Suppo a requency (			
Date DD/MM/YY	29/1/20 (Wed)	5/2/20 (Wed)	12/2/20 (Wed)	19/2/20 (Wed)	26/2/20 (Wed)	4/3/20 (Wed)	11/3/20 (Wed)	Date DD/MM/YY	29/1/20 (Wed)	5/2/20 (Wed)	12/2/20 (Wed)	19/2/20 (Wed)	26/2/20 (Wed)	4/3/20 (Wed)	11/3/20 (Wed)
Item No.#	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	Item No.#	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS	S/NS
C1	S	S	S	S	S	S	S	C1	S	S	S	S	S	S	S
C2	S	S	S	S	S	S	S	C2	S	S	S	S	S	S	S
C3	S	S	S	S	S	S	S	C3	S	S	S	S	S	S	S
C8	S	S	S	S	S	S	S	C8	S	S	S	S	S	S	S
C9	S	S	S	S	S	S	S	C9	S	S	S	S	S	S	S
C10	S	S	S	S	S	S	S	C10	S	S	S	S	S	S	S
C11	S	S	S	S	S	S	S	C1 <mark>2</mark>	S	S	S	S	S	S	S
C12 C16	S S	S	S	S	S	S S	S	C15	S	S S	S	S	S S	S	S
C10 C21	S	S	S	S	S	S	S	C2 <mark>4</mark>	S	S	S	S	S	S	S
C25	S	S	S	S	S	S	S	C28	S	S	S	S	S	S	S
Cn	S	S	S	S	S	S	S	Cn	S	S	S	S	S	S	S
Signature								Signature							
	propriate	etory (It sh whe	re applicat	corded in tole, Form	<b>B</b> <sup>3</sup> )	ervision re	eport and,		ppropriate	ctory (It sh whe	re applicat	ble, Form	<b>B</b> <sup>3</sup> )	pervision re	eport and
Full name of th If a non-confor same inspection Completion of (b) does not have due to the areas	mity is very n, it would b Form B is b we material o	minor in nate oe recorded a Required for concern for s	ture and has as "satisfactor a non-conf afety but the	been rectifie ory". ormity that ( works item/i	a) has materi rectification	al concern fo	or safety; or	Full name of t If a non-confi same inspecti Completion o (b) does not in due to the are	rmity is ver on, it would f <b>Form B</b> is we material	y minor in na be recorded a <b>Required</b> fo concern for s	ture and has as "satisfactor a non-conf afety but the	been rectifie ory". formity that ( works item/	a) has mater rectification	ial concern fo	or safety; o

	2021 Edition (with amendments till December 2023)	2024 Edition
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, the University of Hong Kong, the Hong Kong University of Science & Technology or School of Professional Development in Construction under Hong Kong Institute of Construction, is accepted to possess equivalent qualification as that in the Technical Memorandum for TCP T3.	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, the University of Hong Kong, the Hong Kong University of Science & Technology. School of Professional Development in Construction under Hong Kong Institute of Construction or Geotechnical Division of the HKIE, is accepted to possess equivalent qualification as that in the Technical Memorandum for TCP T3.
5.	A list of courses which are recognised as acceptable academic qualifications for TCP T1 to T3 under this Code is provided in PNAP APP-157.	5. A list of courses which are recognised as acceptable academic qualifications for TCP T1 to T3 under this Code has been uploaded to BD website.

### 2024 Edition

# Appendix XI

# Standard Forms TW1, TW2 and TW3

- Form TW1 Certificate of Compliance and Confirmation of Appointment of Design Engineer for Temporary Works Providing Support to a Tower Crane
- Form TW2 Certificate of Compliance and Confirmation of Appointment of Independent Checking Engineer for Temporary Works Providing Support to a Tower Crane
- Form TW3 Certificate of Completion for Temporary Works
  Providing Support to a Tower Crane by
  Registered Contractor

	ompliance and Conf emporary Works Pr			0
	emporary works in	oriumg Support		
Project name	: <u> </u>			
BD reference no.	: <u></u>			
Address of site	: <u></u>			
Tower crane no.	:			(with layout plan
Stage of works <sup>1</sup> (if	• 1			
Part 1 : Certificate of	Compliance (to be com	pleted by design eng	ineer and the em	ploying company)
I, (name in full		(Chine	se)	
(I.D. No.^ / Passport			lephone No.)	
	ompany (employing co			
confirm that I		opointed by th	e registered	contractor (RC
(Name)	a	s the design engineer	(DE) in respect of	of the temporary work
1	a tower crane at the sub			
	ed and duly signed all	) for the temporar	y works providin	g support to the towe
crane at the number	subject site, and the	ne associated desig	n justifications	3 (report reference
(h) the terms every	vouka in aludina tha a an	mastians hatusan the	torrion anama, the	toma onomi vionko on
	works including the cor			
	structures (if applicable made thereunder and the structures)			
the regulations	made mereunder and u	ie reievant codes or p	ractice and are s	tructurany safe, and
(c) (i)* the te	emporary works are un	der Case 2 that have	no effect on the	permanent structures
adjoining build	lings and lands by way	of overstressing or or	verloading.	
or				
(ii)* the te	emporary works are und	ler Case 3 that may h	ave effect on the	permanent structures
	emporary works are und dings or lands by way	The state of the s		
adjoining build		y of overstressing o	r overloading a	nd submission to th
adjoining build registered struc	dings or lands by way	y of overstressing o	r overloading a	nd submission to th
adjoining build registered struc	dings or lands by way	y of overstressing o	r overloading a	nd submission to th
adjoining build	dings or lands by way	y of overstressing o	r overloading a	nd submission to th
adjoining build registered struc	dings or lands by way	y of overstressing o	r overloading a	nd submission to th
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adjoining build registered struc effects to the pe	dings or lands by way	y of overstressing o	r overloading a eer* is required	nd submission to the
adjoining build registered struct effects to the perfects to the perfects to the perfect stage of temporary with the tower crane etc.	dings or lands by way etural engineer/registere ermanent structures. *  vorks providing support to a	y of overstressing o	r overloading a eer* is required ding stage, climbing	nd submission to the for their review on the stage or extension of height
adjoining build registered structon the post-	dings or lands by way tural engineer/registere ermanent structures. *	y of overstressing of ed geotechnical engine tower crane (e.g. free-standart restruction details and specutionary and protective metals.	r overloading aseer* is required adding stage, climbing stage,	nd submission to the for their review on the stage or extension of height apporary works, sequence of

Signature of DE:  Employing Chop  Any false certification or declaration may be subject to legal action  Part 2 : Confirmation of Appointment (to be completed by RO)	Company egistration No. f Authorized tive Company	:	Form Page :
Name of DE:  Name of DE:  RPE No.  Business Recertificate I  Date:  Signature of DE:  Employing Name  Business Recertificate I  Signature of Representate  Employing Chop  Any false certification or declaration may be subject to legal action  Part 2 : Confirmation of Appointment (to be completed by Received I (name in full) (Completed by Received I (name in full) (Completed II)	Company egistration No. f Authorized tive Company	:	
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Name of DE  RPE No.  Business Recertificate I  Date  Signature of Representat  Signature of DE  Employing Chop  Employing Chop  Any false certification or declaration may be subject to legal action  Part 2 : Confirmation of Appointment (to be completed by RC  I (name in full) (Completed by RC)	egistration No. f Authorized tive Company	:	
RPE No.  Business Recertificate I  Date  Signature of Representat  Signature of DE:  Employing Chop  Any false certification or declaration may be subject to legal action  Part 2 : Confirmation of Appointment (to be completed by RC  I (name in full)	egistration No. f Authorized tive Company		
RPE No.  Business Recertificate I  Date  Signature of Representat  Signature of DE  Employing Chop  Any false certification or declaration may be subject to legal action  Part 2 : Confirmation of Appointment (to be completed by RC  I (name in full) (Completed by RC)	egistration No. f Authorized tive Company	:	
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Subject to legal action  Part 2 : Confirmation of Appointment (to be completed by RO  I (name in full)	<u>)</u>		
I (name in full) (C	<u>)</u>		
I (name in full)(C	<mark>C)</mark>		
appointed to act for the RC in the subject project, hereby cor	Chinese)		, the p
	ifirm that the	e above DE	has been appo
in respect of the temporary works providing support to the to			
that the temporary works will be carried out in accordance		Î	
drawings designed by the DE and will be properly maintained intact.	l to ensure th	at they are s	tructurally saf
mact.			
Name of RC			
Certificate of Registration No.			
Date of expiry of registration :			
Date :			
Signature :			
	Any false cer subject to lega		declaration ma
			declaration ma
			declaration ma

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			Form TW2 Page 1 of 2
		Certificate of Compliance a	nd
		Appointment of Independent (	
	lemporary	Works Providing Support to	a Tower Crane
Proj	ect name :	:	
_	reference no. :		
Add	ress of site :	:	
	er crane no.		(with layout plan)
Stag	e of works <sup>1</sup> (if any) :		
		<u>ce</u> (to be completed by independent	checking engineer and the
empl	oying company)		
_			
	I, (name in full)	(Chinese	e)
(I.D.	No.^ / Passport No.^ *)	(Telephone 1	No.), and my
empl	oying company (employing	g company name)	confirm
that ]	have been appointed by the	e registered contractor (RC) (Name	
	as the inde	lependent checking engineer (ICE	(i) in respect of the temporary works
		and the second the second Theory to	confirm that I take up the role of the
ICE	in respect of the above temp	porary works. I certify that:-	
ICE	in respect of the above temp  I have checked and duly	orary works. I certify that:- y signed all the plans and constr ) for the temporary	ruction drawings <sup>2</sup> (drawing number works providing support to the tower
ICE	I have checked and duly	y signed all the plans and construction of the temporary site, and the associated design	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference
ICE	in respect of the above temp  I have checked and duly	y signed all the plans and construction of the temporary site, and the associated design	ruction drawings <sup>2</sup> (drawing number works providing support to the tower
ICE	I have checked and duly	y signed all the plans and construction of the temporary site, and the associated design	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference
ICE (a)	I have checked and duly crane at the subject sinumber	orary works. I certify that :-  y signed all the plans and constr  ) for the temporary  site, and the associated design  ), prepared  ;	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full)
ICE (a)	I have checked and duly  crane at the subject sinumber  the temporary works include	y signed all the plans and construction of the temporary site, and the associated design the plans and construction of the temporary site, and the associated design the prepared the plans and construction of the plan	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and
ICE (a)	I have checked and duly crane at the subject si number the temporary works include the permanent structures (i	y signed all the plans and construction of the temporary site, and the associated design the plans and construction of the temporary site, and the associated design the connections between the site applicable are designed in compared to the site applicable are designed	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance
ICE (a)	I have checked and duly crane at the subject si number the temporary works include the permanent structures (i	y signed all the plans and construction of the temporary site, and the associated design the plans and construction of the temporary site, and the associated design the connections between the site applicable are designed in compared to the site applicable are designed	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and
(a)	I have checked and duly crane at the subject sinumber  the temporary works inclusion the permanent structures (in the regulations made there	y signed all the plans and construction of the temporary site, and the associated design of the connections between the site applicable) are designed in competender and the relevant codes of present the property of the site and the relevant codes of present the site and the site and the relevant codes of present the site and the site	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance ractice and are structurally safe; and
(a)	I have checked and duly crane at the subject si number  the temporary works include the permanent structures (i) the regulations made there	y signed all the plans and construction of the temporary site, and the associated design of the connections between the sift applicable) are designed in competender and the relevant codes of proverse are under Case 2 that have relevant codes are under case 2 that have relevant codes of proverse are under Case 2 that have relevant codes of proverse are under Case 2 that have relevant codes of proverse are under Case 2 that have relevant codes of proverse are under Case 2 that have relevant codes of proverse are under Case 2 that have relevant codes of proverse are under Case 2 that have relevant codes of proverse are under Case 2 that have relevant codes of proverse case and constructions are case as a construction of the construction of	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance actice and are structurally safe; and no effect on the permanent structures
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(a)	I have checked and duly crane at the subject si number  the temporary works include the permanent structures (i the regulations made there  (i)* the temporary works adjoining buildings and lar or (ii)* the temporary works	y signed all the plans and construction of the temporary site, and the associated design of the connections between the residual of the connections between the residual of the relevant codes of provorks are under Case 2 that have residuals by way of overstressing or over the residual of the relevant codes of provorks are under Case 3 that may have the relevant codes of	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance actice and are structurally safe; and no effect on the permanent structures erloading.*
(a)	I have checked and duly crane at the subject si number  the temporary works include the permanent structures (i) the regulations made there  (i)* the temporary works adjoining buildings and lar or (ii)* the temporary works adjoining buildings or lar	y signed all the plans and construence of the temporary o	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance actice and are structurally safe; and no effect on the permanent structures erloading.*  ve effect on the permanent structures overloading and submission to the
(a)	I have checked and duly crane at the subject si number  the temporary works include the permanent structures (i the regulations made there  (i)* the temporary works adjoining buildings and lar or (ii)* the temporary works adjoining buildings or lar registered structural engine	y signed all the plans and construction of the temporary site, and the associated design of the connections between the residual of the connections	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance actice and are structurally safe; and no effect on the permanent structures erloading.*
(a)	I have checked and duly crane at the subject si number  the temporary works include the permanent structures (i) the regulations made there  (i)* the temporary works adjoining buildings and lar or (ii)* the temporary works adjoining buildings or lar	y signed all the plans and construction of the temporary site, and the associated design of the connections between the residual of the connections	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance actice and are structurally safe; and no effect on the permanent structures erloading.*  ve effect on the permanent structures overloading and submission to the
(a) (b)	I have checked and duly crane at the subject si number  the temporary works inclus the permanent structures (i the regulations made there  (i)* the temporary w adjoining buildings and lar or (ii)* the temporary w adjoining buildings or lar registered structural engine	y signed all the plans and construence of the temporary o	ruction drawings <sup>2</sup> (drawing number works providing support to the tower justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance ractice and are structurally safe; and no effect on the permanent structures erloading.*  ve effect on the permanent structures overloading and submission to the er* is required for their review on the
(a) (b)	I have checked and duly  crane at the subject si number  the temporary works include the permanent structures (i) the regulations made there  (i)* the temporary w adjoining buildings and land or  (ii)* the temporary w adjoining buildings or land registered structural engine effects to the permanent structural engine	y signed all the plans and constructive, and the associated design ), prepared ;  iding the connections between the reliable of provided are under Case 2 that have related by way of overstressing or over yorks are under Case 3 that may have the sunds by way of overstressing or over the relevant codes of provided are under Case 3 that may have the sunds by way of overstressing or over the registered geotechnical engine tructures.*	ruction drawings <sup>2</sup> (drawing number works providing support to the tower a justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance actice and are structurally safe; and no effect on the permanent structures erloading.*  The ve effect on the permanent structures overloading and submission to the er* is required for their review on the lang stage, climbing stage or extension of heightness and submission of heightness are supported by the structures overloading and submission to the er* is required for their review on the lang stage, climbing stage or extension of heightness are supported by the supported
(a) (b) (c)	I have checked and duly crane at the subject si number  the temporary works include the permanent structures (i the regulations made there)  (i)* the temporary works adjoining buildings and lar or (ii)* the temporary works include all registered structural engine effects to the permanent structural of the tower crane etc) Construction drawings include all construction, method statements, deconstruction, deconstruction, method statements, deconstruction, deconstructi	y signed all the plans and construction of the temporary	ruction drawings <sup>2</sup> (drawing number works providing support to the tower a justifications <sup>3</sup> (report reference by the design engineer (name in full) tower crane, the temporary works and pliance with the Buildings Ordinance actice and are structurally safe; and no effect on the permanent structures erloading.*  The ve effect on the permanent structures overloading and submission to the er* is required for their review on the lang stage, climbing stage or extension of heighten fications of the temporary works, sequence or

			Page 2 of 2
	I am a registered professional	engineer (RPE) (civil/stru	ctural*) with a minimum of
5 years relevant wo	rking experience.		
3. I confirm that	at the design engineer and I, in	ncluding both employing o	companies, are independent
from each other and	l have no holding, subsidiary, o	employer/employee or any	other relationship.
Name of ICE	1	Employing Company Name	I
RPE No.	:	Business Registration Certificate No.	:
Date	:	Signature of Authorized Representative	:
Signature of ICE	:	Employing Company Chop	:
Any false certification to legal action	on or declaration may be subject		
to legal action	on or declaration may be subject  on of Appointment (to be comp	eleted by the RC)	
to legal action  Part 2 : Confirmation  I (name in f	on of Appointment (to be computed)	(Chinese)_	, the person
to legal action  Part 2 : Confirmation  I (name in fappointed to act for	on of Appointment (to be comp	(Chinese)hereby confirm that the abo	ove ICE has been appointed
to legal action  Part 2 : Confirmation  I (name in fappointed to act for	on of Appointment (to be computed)  the RC in the subject project, apporary works providing suppo	(Chinese)hereby confirm that the abo	ove ICE has been appointed
to legal action  Part 2 : Confirmation  I (name in fappointed to act for	on of Appointment (to be computed)  the RC in the subject project, apporary works providing support  Name of RC	(Chinese) hereby confirm that the about to the tower crane for the	ove ICE has been appointed
to legal action  Part 2 : Confirmation  I (name in fappointed to act for	on of Appointment (to be computed)  the RC in the subject project, apporary works providing suppo	(Chinese) hereby confirm that the about to the tower crane for the	ove ICE has been appointed
to legal action  Part 2 : Confirmation  I (name in fappointed to act for	on of Appointment (to be computed)  the RC in the subject project, apporary works providing supportant of RC  Certificate of Registration No.	(Chinese) hereby confirm that the about to the tower crane for the	ove ICE has been appointed
to legal action  Part 2 : Confirmation  I (name in fappointed to act for	on of Appointment (to be computed)  the RC in the subject project, apporary works providing support  Name of RC  Certificate of Registration Notate of expiry of registration	(Chinese) hereby confirm that the about to the tower crane for the	ove ICE has been appointed
to legal action  Part 2 : Confirmation  I (name in fappointed to act for	on of Appointment (to be computed)  the RC in the subject project, apporary works providing support Name of RC  Certificate of Registration Not Date of expiry of registration Date	(Chinese) hereby confirm that the about to the tower crane for the confirm that the about to the tower crane for the confirmation in the confirmat	e subject site.

	Page 1 of 2
Temporary Works Providi	f Completion for ing Support to a Tower Crane red Contractor
Project name :	
BD reference no. :	
Address of site :	
Tower crane no. :	(with layout plan)
Stage of works <sup>1</sup> (if any) :	
Part 1 : Certificate of Completion (to be completed contractor (RC) 's stream)	leted by technically competent person (TCP) T4 in
I, (name in full)	(Chinese)
(I.D. No.^/Passport No.^/TCP No.^*)	(Telephone No.)
	s TCP-T4 in RC's stream in the supervision plan
submitted to the Building Authority on (date	e) (submission ref. no.
), hereby certify that:	
have personally inspected the temporary v	npleted in accordance with the certified plans and
(b) the results of the associated testing of material welds) have been reviewed by me and found to	rials and workmanship (including on-site and off-site technically acceptable; and
(c) the temporary works including the connection permanent structures are structurally safe.	ns between the tower crane, the temporary works and
	1
Name of TCP	
Name of TCP  Date	:
Date	Any false certification or declaration may be subject to legal action

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			Form TW3 Page 2 of 2
Part 2 : Certificat	e of Completion		
(to be completed	by the appointed T.	5 person (T5 Person)/ Design Engineer (DE)/ Indep	pendent Checking
Engineer (ICE)*)			
I (name in	full)	(Chinese)	, the person
appointed by the	RC as the T5 Perso	on/ DE/ ICE* in the subject project, hereby certify t	hat:
(a) the temporar	y works providing	support to the tower crane have been completed ar	nd I confirm that I
have person	ally inspected the	e temporary works on (date)	and found
satisfactory	that the works h	ave been completed in accordance with the ce	rtified plans and
construction	drawings (drawing	g number	);
	y works including t ructures are structur	he connections between the tower crane, the tempor rally safe.	ary works and the
Name of T5 Person/DE/I	: CE*	Employing Company : Name	
RPE No.	•	Business Registration : Certificate No.	
Date		Signature of Authorized : Representative	
Signature of T5 Person/DE/I	: CE*	Employing Company : Chop	
Any false certificate to legal action	ation or declaration i	may be subject	
^ In accordance v	vith the Hong Kong I	Identity Card/Passport record/ TCP No.	
* Delete where ap	propriate		

# **Appendix X**

# 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

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	T1 in		
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.

- 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.
- 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.
- 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.
- 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.
- 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.

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

Notes: <sup>1</sup> 5 years relevant working experience must have been gained within the previous 8 years and at least 1 year must be local site experience.

<sup>8</sup> years relevant working experience must have been gained within the previous 11 years and at least 1 year must be local site experience.

<sup>12</sup> years relevant working experience must have been gained within the previous 15 years and at least 1 year must be local site experience.

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.

- 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).
- 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 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					supervisory TCP T1 o (Minor Wo certificate in	orks), with the training ganized by	
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

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.

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 TCP T3 in TCP T3 in Works or Street Works AP's Stream 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			

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			Stream			
Works or Street Works	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.)
- 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.
- 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.