

**Construction Industry Council**  
**Committee on Construction Safety**

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Meeting No. 003/20 of the Committee on Construction Safety (Com-CSY) was held on 17 September 2020 (Thursday) at 2:30pm by video conferencing (Microsoft Teams).

Present:	Derrick PANG	(DP)	Chairperson
	CHAN Kim-kwong	(KCCN)	
	CHAN Pat-kan	(CPK)	
	LEE Sau-king	(LSK)	
	LI Tat-wai	(LTW)	
	Kenneth MO	(KM)	
	YU Sai-yen	(SYYu)	
	Collin CHAN	(CnC)	Airport Authority Hong Kong (AAHK)
	Dennis IP	(DI)	MTR Corporation Limited (MTRC)
	Jesse WONG	(JsW)	Hong Kong Institute of Surveyors (HKIS)
	WONG Kwok-keung	(KKW)	Hong Kong Federation of Electrical and Mechanical Contractors (HKFEMC)
	Rex WONG	(RWg)	Hong Kong Construction Association
	WU Wai-hung	(WHWu)	Labour Department (LD)
In Attendance :	Albert CHENG	(CTN)	Executive Director
	Stephen HO	(SnH)	Assistant Director - Industry Development & Estates Office
	CHU Yin-lin	(YLC)	Assistant Director – Training
	Angela YUEN	(AaY)	Senior Manager - Construction Safety
	Tony LAM	(TLam)	Manager - Construction Safety
	LEE Man-yiu	(LMY)	Development Bureau (DEVB)
	Iris CHAN KONG	(Cki)	Hong Kong Housing Authority (HKHA)
	Timothy LAU	(TyL)	Hong Kong Housing Authority (HKHA)
Apologies:	Thomas HUI	(HT)	
	LO Hong-kam	(LHK)	
	Connie YEUNG	(CYG)	
	Alcohol MOK	(AMO)	The Hong Kong Institution of Engineers (HKIE)

## **MINUTES**

**Action**

### **3.1 Code of Conduct of Members and Declaration of Conflict of Interest**

Members of the Com-CSY took note of the code of conduct of Members and Members had declared no conflict of interest in relation to the matters discussed in this meeting.

### **3.2 Confirmation of the Minutes of the Com-CSY Meeting No. 002/20**

Members took note of Meeting Minutes CIC/CSY/M/002/20 and confirmed the Meeting Minutes of the last meeting held on 18 June 2020.

### **3.3 Matters Arising from the Previous Meeting**

Agenda item 2.8 (iv) – A special meeting had been arranged by the CIC Secretariat to discuss the application for the research funding project – “New Generation Green and Healthy Jackhammers with Integrated Bio-Inspired Anti-Vibration Handles” on 10 July 2020. On the same day, the CIC Secretariat had e-mailed the relevant materials to Members of the Com-CSY for voting. The result of the voting in support of the funding application was 14 votes in favor and 3 votes not supporting. The Com-CSY approved the suggested research funding.

### **3.4 Report on the “Life First” Campaign**

AaY briefed Members on the paper CIC/CSY/P/019/20 regarding the “Life First” Campaign.

The “Life First” Campaign encouraged the industry to hold a 5-day safety review activities, which included a thorough site safety inspection to identify potential risks to protect the life of every frontline worker.

The industry had responded enthusiastically. As of 3 September 2020, there were more than 75 clients, including various Works Departments of the Development Bureau, public organisations and private developers, as well as about 200 main contractors and more than 450 construction sites had participated in the Campaign. Based on an average of 1,292 active construction sites and 99,102 attending

workers per day in August 2020, approximately 35,000 workers participated in the captioned Campaign.

For the follow-up work, a meeting with the industry would be held on 22 September 2020 to invite different innovative projects that could improve safety and discuss how to apply them widely.

Members of the Com-CSY took note of the report on the “Life First” Campaign.

### **3.5 Progress of the Subcommittee on Safety Promotion (SSP)**

RWg briefed Members on the paper CIC/CSY/P/020/20 regarding the progress of the SSP.

The progress of the SSP was given as follows:

- a) The Construction Safety Week 2020, originally scheduled to be held from 16 to 22 October, had another arrangement due to the epidemic. In order to avoid crowds, the opening ceremony and the on-site awards ceremony would be changed as follows: the opening ceremony would be changed to webinar format; the safety week related awards would be changed to announce the list of winners onto safety week website and arrange small scale awards activity in October 2020. Other activities including: site safety activities, VR safety training and lifting safety promotion activities would not be affected.
- b) For VR safety training, after the production of 3 training software related to the safety of lifting operations has been completed, together with the 4 training software related to the safety of working at height developed last year, there would be 7 training software on the newly established online platform for all participating sites to download this year. The download platform would also support three mainstream VR Goggle on the market to solve the problem of compatibility between software and hardware, and meet the needs of different construction sites.
- c) The SSP would continue to follow up on the recommendations made by the Task Force on Reviewing the Safety Roles and Responsibilities of Key Stakeholders (TF-SRR) on safety promotion, including promotion of safety and caring culture, and promotion of safety messages to non-native Chinese and English speakers.

- d) The SSP noted the work progress of the development of the Safety Mobile Apps. The program development company would also work with the CIC's colleagues to conduct preliminary discussion with the Hong Kong Construction Association in October to make the Safety Mobile Apps better meet the needs of the construction sites and to encourage more workers to use it. The contract for development of the Safety Mobile Apps commenced at the end of May 2020. It would last for 13 months and was expected to be completed by the end of June 2021.

Members of the Com-CSY approved the summary notes of the meeting of the SSP held on 31 August 2020 and took note of the work progress of various tasks.

### **3.6 Progress of the Subcommittee on Safety Training (SST)**

SY Yu briefed Members on the paper CIC/CSY/P/021/20 regarding the progress of the SST.

The progress of the SST was given as follows:

- a) For the new courses relating to lifting operation, the "A12 Course on Construction Materials Rigger" and "A12S Silver Card Course on Construction Materials Rigger and Signalman" had been rolled out in June 2020 and the courses were very popular by the industry. The waiting list was 415 and 347 respectively.
- b) The new courses - the "Certificate Course on Lifting Operation Safety Supervisor" and "Certificate Course on Soil Nail Drilling Safety Training" started in July and September 2020 respectively.
- c) Due to the epidemic, the Hong Kong Institute of Construction (HKIC) and other training institutions had intermittently failed to hold mandatory safety training renewal courses. In this regard, some of the workers should not be able to work on the construction site after the expiry date of the certificate. On 1 September 2020, the Labor Department had updated the relevant special arrangements and notified all stakeholders to extend the validity period according to their different types of certificates.
- d) For exploring new courses, priority would be given to safety training courses related to high-risk trades, including working at height, lifting operation and electrical safety. The CIC Secretariat would discuss the courses with the industry to meet the needs of the industry. In addition, the HKIC had not yet provided safety training courses for the senior management of the industry. It was

recommended taking reference to similar training courses in the United Kingdom, which was mainly for the cognition for senior management and the person in charge of the construction site in term of safety culture, leadership, and commitment to safe work.

SST

DP stated that the TF-SRR recommended the production of safety guidelines for high-risk trades. The SST might consider adding relevant guidelines content to safety training courses for high-risk trades. He also suggested that the SST could discuss with the Development Bureau or other clients and developers the feasibility of including participation in relevant training courses as contract requirement after reviewing the relevant training courses, so as to increasing the motivation for relevant personnel to participate in relevant safety training.

Members of the Com-CSY approved the summary notes of the meeting of the SST held on 27 August 2020 and took note of the work progress of various tasks.

### **3.7 Progress of the Subcommittee on Safety Technical Issues (STI)**

CnC briefed Members on the paper CIC/CSY/P/022/20 regarding the progress of the STI.

The progress of the STI was given as follows:

- a) Regarding the recommendations made by the TF-SRR on safety technical matters, including design for safety, pay for safety, safety performance assessment and safety legislation matters, etc., the STI had decided the priority of work as below. It would discuss with the Hong Kong Construction Association the handling of safety performance assessment and clarify the safety responsibilities between the main contractor and subcontractors in first place; simultaneously would conduct preliminary study on the pay for safety scheme and start follow-up work later. At the same time, the work of the Task Force on Design for Safety has also begun.
- b) The content of the “Building Services Safety Handbook”, which was the sharing of good practice, completed in September and it would be published in November this year.

DP expressed his understanding that since pay for safety scheme was not a requirement that stipulated by law and therefore it might encounter a certain degree of resistance in its promotion in private developers. However, the pay for safety scheme had been used by the

STI

Government and other public organisations for many years and it was suggested that the STI might consider discussing the possibility of optimizing the existing scheme with the Development Bureau, Hong Kong Housing Authority and other relevant organisations.

Members of the Com-CSY approved the summary notes of the meeting of the STI held on 26 August 2020 and took note of the work progress of various tasks.

### **3.7.1 Progress of the Task Force on Truss-out Bamboo Scaffolds (TF-TOB)**

TLam gave a presentation on the progress of the TF-TOB.

The progress of the TF-TOB was given as follows:

- a) Regarding the load tests on the 5 typical designs of truss-out bamboo scaffolds, the research consultant was originally scheduled to submit a technical report in July this year, but the research consultant needed more time to perform computer calculations on different assumptions and situations. The submission of the report would be postponed to November this year.
- b) The CIC Secretariat was currently working on the mechanism for voluntary notification and the drafting of guidelines.
- c) As the load tests and research on truss-out bamboo scaffolds, and consultation with different relevant Government Departments and stakeholders would take longer than expected, the final draft of the above guidelines might be submitted to the Com-CSY for deliberation and approval in the first quarter of 2021.

Members of the Com-CSY took note of the work progress of the guidelines and approved the submission of the technical report in November this year.

### **3.7.2 Progress of the Task Force on Design for Safety (TF-DfS)**

DP briefed Members on the paper CIC/CSY/P/023/20 regarding the progress of the TF- DfS.

The progress of the TF-DfS was given as follows::

- a) The TF-DfS agreed to the roadmap on design for safety, and to appoint consultants to conduct a research on establishing a management framework for design for safety and professional

training.

- b) The guidelines on design for safety were expected to be completed in 2023.

Members of the Com-CSY approved the summary notes of the meeting of the TF-DfS held on 2 July 2020 and took note of the work progress of various tasks.

### **3.8 Any Other Business**

**3.8.1** YLC gave a presentation on the management structure of the HKIC - Kwai Chung Campus Safety Training Centre.

**3.8.2** In order to have more flexibility in handling the milestone reports and payments of research projects and service contracts, which were approved by the Com-CSY, the Subcommittees, Task Forces and Working Groups under the Com-CSY could have the right to approve the milestones report and make payments when satisfied. The milestone actions made by the Subcommittees, Task Forces and Working Groups would be reported and recorded in the Com-CSY meeting for Members' information. Regarding the approval right of final report of the research project, it would be rested on the authority of the Com-CSY. Members of the Com-CSY approved the above.

**3.8.3** The CIC Secretariat introduced the logo design of the Construction Safety Department of the CIC to the Members of the Com-CSY and this logo would be used for the future publicity materials for the construction safety of the CIC. Members of the Com-CSY took note of it and had no other suggestions.

### **3.9 Next Meeting**

The next meeting will be held on 3 December 2020 (Thursday) at 2:30 pm at the Board Room, 38/F, COS Centre, 56 Tsun Yip Street, Kwun Tong, Kowloon.

There being no further business, the meeting was adjourned at 3:40pm.

**CIC Secretariat**  
**September 2020**