

**Construction Industry Council  
Committee on Construction Safety**

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Meeting No. 002/20 of the Committee on Construction Safety (Com-CSY) was held on 18 June 2020 (Thursday) at 2:30pm by video conferencing (Microsoft Teams).

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

## MINUTES

### Action

#### **2.1      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.

#### **2.2      Confirmation of the Minutes of the Com-CSY Meeting No. 001/20**

The representative of the Hong Kong Housing Authority (HKHA) stated that the HKHA provided comments on the research report on the Study of Safety Roles and Responsibilities of Key Stakeholders in the Hong Kong Construction Industry on 20 March 2020, but the relevant comments were not reflected in the above Meeting Minutes. The Secretariat responded that the HKHA's comments were submitted to the Secretariat after 4 March 2020, and therefore could not be reflected in the above Meeting Minutes. However, the HKHA's comments were already attached in the Appendix of the research report.

Members took note of Meeting Minutes CIC/CSY/M/001/20 and confirmed the Meeting Minutes of the last meeting held on 4 March 2020.

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

Agenda item 1.8 – For the follow-up work of the report for the Study of Safety Roles and Responsibilities of Key Stakeholders in the Hong Kong Construction Industry, the CIC Secretariat and consultants was preparing reference materials and would consult the industry later.

#### **2.4      Discussion on Detailed Business Plan 2021**

AaY briefed Members on the paper CIC/CSY/P/010/20 regarding the discussion on detailed Business Plan 2021.

The Executive Director of the CIC suggested revising the name of item 7 from “Possible ways to reduce using of Bamboo Scaffoldings” to “Possible ways to strengthen the safety of Bamboo Scaffoldings”. A Member also recommended promoting the use of metal scaffolding. The Chairperson of the Com-CSY responded that two directions would be considered at the same time: strengthen the safety of using bamboo

scaffolds and promote the feasibility of using metal scaffolds.

For item 14, the budget for the Construction Safety Week 2021 has not yet be finalised and further discussion would be made between the CIC and the Development Bureau (DEVB).

Members of the Com-CSY approved the proposed business plan and budget for 2021.

## **2.5 Progress of the Task Force on Reviewing the Safety Roles and Responsibilities of Key Stakeholders (TF-SRR)**

DP briefed Members on the paper CIC/CSY/P/011/20 regarding the progress of the TF-SRR.

The Progress of the TF-SRR was given as follows:

- In the past year, the roles and responsibilities of stakeholders had been discussed, including owners, main contractors, subcontractors, workers and consultants, and a list of recommended actions had been consolidated. The follow-up work would be assigned to the Sub-committees or new task forces would be set up to follow up.
- The four main areas of work were design for safety, pay for safety scheme, safety performance assessment (safety scoring system) and legal matters relating to safety. A Task Force had been set up to follow up the area for design for safety. The follow-up work on other areas would be reported at later meetings.
- The work of the TF-SRR had been completed and the last meeting was held in May. It was proposed to dissolve the TF-SRR.

Members of the Com-CSY approved the summary notes of the meeting of the TF-SRR held on 21 May 2020 and the dissolve of the TF-SRR. The Chairperson of the Com-CSY expressed his gratitude to the members of the TF-SRR for their contributions.

**[Post Meeting Notes:** The CIC Secretariat had emailed the TF-SRR's members on 24 June 2020 to notify them about the Com-CSY's decision and thank the TF-SRR's members for their contributions].

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

RWg briefed Members on the paper CIC/CSY/P/012/20 regarding the progress of the SSP.

The progress of the SSP was given as follows:

- The key activities of the Construction Safety Week 2020 was scheduled to be held from 16 to 22 October , with the main theme of “Safety x Smart Sites”, which was aimed at enhancing safety by the application of technologies, and the focus would be on lifting operation safety.
- In terms of VR safety training, 3 training software related to the safety of lifting operation would be designed and a VR download platform would also be developed for the industry to download the latest VR training contents.
- The first phase of the development of new Safety App started in May 2020 and was expected to be completed in the second quarter of 2021. After completion, it would provide workers with a digital wallet for keeping their CIC’s cards and certificates.
- In order to strengthen the safety awareness of the ethnic minorities, the relevant safety publications in minority languages had been translated. The CIC would continue to review safety promotion activities, where appropriate, and promulgate the safety messages to relevant groups from time to time.

Members of the Com-CSY approved the summary notes of the meeting of the SSP held on 19 May 2020.

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

SYYu briefed Members on the paper CIC/CSY/P/013/20 regarding the progress of the SST.

The progress of the SST was given as follows:

- The content approval procedures for the “Lifting Operation Safety Supervisor Course” and “Certificate in Soil Nail Drilling Safety Training Course” had started, and the courses were expected to be held in July and September 2020 respectively.
- Due to the epidemic, the validity period of the Silver Card would be postponed. The Labour Department confirmed that the postponement arrangement was in compliance with the law.
- With regard to the adding of safety hold points to the contents of the Silver Card safety course, the CIC Secretariat would produce safety message cards for the silver card students for reminding purpose. In addition, the CIC Secretariat planned to upload the safety highlights to the CIC’s Mobile App - Construction Safety App, and the Learning Resources Centre of the Hong Kong Institute of Construction for industry reference.
- Regarding the optimization of the “Experiential Learning on Site Safety Training Scheme”, the training course of the Safety Experience Training Center (SETC) would be the key course

content and more high-risk and fatal accident prevention training contents would be added, and considered implementing it in the fourth quarter of 2020.

Members of the Com-CSY approved the summary notes of the meeting of the SST held on 13 May 2020.

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

CnC briefed Members on the paper CIC/CSY/P/014/20 regarding the progress of the STI.

The progress of the STI was given as follows:

- The progress of the research project, “Optimal Use of Internet of Things Technology (IoT) to Prevent Failure of Temporary Support System in Construction”, was delayed by 1.5 months due to the epidemic, but it did not affect the original budget progress and completion date. The research team would arrange testing at the sites in 2<sup>nd</sup> quarter or 3<sup>rd</sup> quarter of this year.
- After the Com-CSY voted, Members agreed that the funding support for the research project “Lift Car Brackets Installation Robot Assembly” was 50% of the overall project amount.
- Regarding the sharing of good practice on “working near false ceiling”, the reference materials was named “Building Services Safety Handbook”. The first draft had been reviewed by the STI’s members.

Members of the Com-CSY approved the summary notes of the meeting of the STI held on 7 May 2020.

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

TLam briefed Members on the paper CIC/CSY/P/015/20 regarding the progress of the TF-TOB.

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

- PolyU Technology and Consultancy Company Limited had been appointed to carry out load tests on the 5 typical designs of truss-out bamboo scaffolds, which were expected to be completed within 3 months. At that time, the consultant would submit a technical report to the TF-TOB for review.
- The consultant had submitted the test proposal. The CIC Secretariat would arrange to discuss the test matter with the representatives from the scaffold associations and workers’

union. The test proposal would then be submitted to the TF-TOB for approval.

- The TF-TOB's members agreed to include the mechanism of the Labour Department for voluntary notification by property management companies on the commencement of truss-out bamboo scaffolding works in CIC's future guidelines. The draft content had been reviewed by the TF-TOB.

Members of the Com-CSY approved the summary notes of the meeting of the TF-TOB held on 22 May 2020.

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

DP briefed Members on the paper CIC/CSY/P/016/20 regarding the progress of the TF- DfS.

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

- The TF-DfS was established in April 2020, and the first meeting was held on April 22.
- The DEVB, the HKHA and the Buildings Department briefed on their current work on design for safety. The TF-DfS would take their implementation measures as reference.
- With regard to the short-term and mid-term/long-term work objectives in the design, construction and maintenance phases, the CIC Secretariat had sent questionnaires to the TF-DfS's members for collecting their opinions and the issues would be discussed in the next meeting.

Members of the Com-CSY approved the summary notes of the meeting of the TF-DfS held on 22 April 2020.

### **2.8(iii) Discussion on the Feasibility Study on Design for Safety**

TLam briefed Members on the paper CIC/CSY/P/017/20 regarding the discussion on the feasibility study on Design for Safety.

The content of this research report had been reported to Members at the Com-CSY Meeting held on 4 March 2020.

Members of the Com-CSY had no opinions on the research report and approved the research report.

**2.8(iv) Application for the Research Funding – New Generation Green and Healthy Jackhammers with Integrated Bio-Inspired Anti-Vibration Handles**

Due to computer technical problem of the applicant, the applicant failed to brief Members of the Com-CSY about its project. The Chairperson of the Com-CSY suggested that another meeting would be arranged to discuss the project application.

[**Post-meeting Notes:** The CIC Secretariat had arranged a special meeting to discuss the application for the project on 10 July 2020. Please refer to Annex A for the Minutes of the Special Meeting.]

**2.9 Any Other Business**

The Chairperson of the Com-CSY welcomed Mr LI Tat-wai from the Hong Kong Construction Industry Employees General Union as a new Member.

**2.10 Next Meeting**

The next meeting will be held on 17 September 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 3:55pm.

**CIC Secretariat  
June 2020**

**Construction Industry Council  
Committee on Construction Safety**

Special Meeting of the Committee on Construction Safety (Com-CSY) was held on 10 July 2020 (Friday) at 11:30am by video conferencing (Microsoft Teams).

**MINUTES**

**Action**

**2.8(iv) Application for the Research Funding – New Generation Green and Healthy Jackhammers with Integrated Bio-Inspired Anti-Vibration Handles [This agenda was the agenda item 2.8(iv) of the Meeting No. 002/20 of the Com-CSY]**

Due to computer technical problem of the applicant, the applicant failed to brief Members of the Com-CSY in the Second Meeting on 18 June 2020. The CIC Secretariat arranged a special meeting for Members of Com-CSY to discuss the project application.

TyLm stated that the CIC had received 8 applications for construction safety related research projects and 7 of them were rejected by the Committee on Productivity. Only the above application was submitted for the Com-CSY for consideration.

AaY briefed Members on the paper CIC/CSY/P/018/20 regarding “Application for the Research Funding – New Generation Green and Healthy Jackhammers with Integrated Bio-Inspired Anti-Vibration Handles”.

The applicant, Prof JING Xingjian, briefed Members of Com-CSY on their proposal. The applicant has answered the questions raised by Members in the meeting, so the applicant did not need to submit supplementary information.

The Chairperson of the Com-CSY indicated that the CIC Secretariat e-mailed relevant materials to Members of the Com-CSY for reference and voting.

CIC  
Secretariat

**[Post-meeting Notes:** On 10 July 2020, 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 against. The Com-CSY approved the suggested research funding – New Generation Green and Healthy Jackhammers with Integrated Bio-Inspired Anti-Vibration Handles.]

**Any Other Business**

The Development Bureau briefed Members of the Com-CSY on use of technologies to enhance construction site safety. Members of the Com-CSY took note of content of the briefing.

There being no further business, the meeting was adjourned at 12:30pm.

**CIC Secretariat  
July 2020**