

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

Meeting No. 002/21 of the Committee on Construction Safety (Com-CSY) was held on 24 June 2021 (Thursday) at 2:30pm by video conferencing (Microsoft Teams).

Present:	Derrick PANG	(DP)	Chairperson
	Collin CHAN	(CnC)	Airport Authority Hong Kong (AAHK)
	CHAN Kim-kwong	(KKN)	Hong Kong Construction Sub-contractors Association (HKCSA)
	Dennis IP	(DI)	MTR Corporation Limited (MTRC)
	LI Tat-wai	(LTW)	Hong Kong Construction Industry Employees General Union (HKCIEGU)
	LO Hong-kam	(LHK)	The Hong Kong University of Science and Technology (HKUST)
	Kenneth MO	(KM)	
	MOW Tai-hing	(THM)	The Federation of Hong Kong Electrical & Mechanical Industries Trade Unions (FHKEMITU)
	Jesse WONG	(JsW)	The 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 (HKCA)
	Paul WU	(WuCM)	Development Bureau (DEVB)
	YU Sai-yen	(SYYu)	
In Attendance :	Albert CHENG	(CTN)	Executive Director
	Stephen HO	(SnH)	Assistant Director - Industry Development & Estates Office
	CHU Yin-lin	(YLC)	Assistant Director – Training
	Tony LAM	(TLam)	Acting Senior Manager - Construction Safety
	LEE Man-yiu	(LMY)	Development Bureau (DEVB)
	Emily SER	(ESe)	Hong Kong Housing Authority (HKHA)
	Timothy LAU	(TyL)	Hong Kong Housing Authority (HKHA)
	CHAN Ka-lai	(KLiC)	Labour Department (LD)
Apologies:	Stephen LEUNG	(SLKM)	Hong Kong Housing Authority (HKHA)

Alcohol MOK	(AMO)	The Hong Kong Institution of Engineers (HKIE)
WU Wai-hung	(WHWu)	Labour Department (LD)

**MINUTES**

**Action**

**2.1 Code of Conduct of Members and Declaration of Conflict of Interest**

Members of the Com-CSY noted of Code of conduct of Members and declared no conflict of interest in relation to the matters discussed in the meeting.

**2.2 Confirmation of the Minutes of the Com-CSY Meeting No. 001/21**

Members noted Meeting Minutes CIC/CSY/M/001/21 and confirmed the Meeting Minutes of the last meeting held on 25 March 2021.

**2.3 Matters Arising from the Previous Meeting**

As at 8 June 2021, there were 11 fatal accidents contributed by the construction industry.

Agenda item 1.8 – Regarding the meeting with representatives of RMAA works sector, the CIC Secretariat learnt that no relevant arrangements of the RMAA related meeting were made by other departments of CIC for the time being.

Other issues would be reported in the following agenda items.

**2.4 3-year Strategic Plan of Com-CSY**

TLam reported that the CIC Secretariat revised the 3-year strategic plan and incorporated the comments made by Members at the meeting held on 10 May 2021. The revised paper was endorsed by Members via email circulation and was approved by Council Meeting held on 18 June 2021.

**2.5 Model Clauses for Site Safety Monitoring Using AI & Model Clauses for Safety Incentive Payment Scheme**

TLam briefed Members that the Model Clauses for Site Safety Monitoring Using AI and Model Clauses for Safety Incentive Payment Scheme prepared by the Industry Development of CIC which would be published shortly for industry's reference. The CIC Secretariat would circulate these two reference materials to Members for reference and to consolidate their comments after the meeting. Members had no

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comments on the contents of these draft Model Clauses and arrangement at the meeting.

DP suggested distributing the Model Clauses to the Development Bureau, the Hong Kong MTR Corporation Limited, the Hong Kong Housing Authority, and private developers for their reference to consider adopting these clauses in their contracts.

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

RWg briefed Members on the paper CIC/CSY/P/010/21 regarding the progress of the SSP.

The progress of the SSP was given as follows:

- a) With the consent of SSP Members, the launching date of the new Safety App was revised to Q2 2021 (end of June) and the postponement of submission of the review report to Q3 2021 (by the end of September). The CIC Secretariat had issued a letter to the vendor regarding the extension of time for the extended completion date to end of September 2021. In addition, an exhibition booth to promote the new Safety App would be arranged in the Construction Safety Week (CSW) 2021 Conference.
- b) CSW 2021 would focus on Lifting and Heavy machinery operation. Relevant Virtual Reality (VR) safety training kit and a VR download platform would be developed, to facilitate the industry to obtain the latest VR training materials, as well as safety training software provided in the past CSW.
- c) SSP suggested inviting a representative from the Real Estate Developers Association of Hong Kong to join SSP as a member.

Members of the Com-CSY approved the summary notes of the meeting of the SSP and the latest launching date of the new Safety App in the meeting held on 1 June 2021. They also noted the work progress of various tasks.

### **2.6.1 Report on Life First Campaign 2021**

TLam gave a presentation on “Life First” as follows:

- a) “Life First” Campaign was one of the activities of CSW 2021 and it was launched in May 2021. The industry had responded enthusiastically to the Campaign. An online platform of “Life First” campaign would be developed for the participants to upload

good practice demonstrations for sharing with the industry.

- b) As at 15 June 2021, 101 clients, 211 contractors and 482 work projects participated in the Campaign.
- c) “Say NO to Danger” was also one of the key concepts promoted in the “Life First” Campaign. Details of the “Say NO to Danger” activity would be announced in CSW 2021. It was planned to invite developers and contractors to participate in the “Say NO to Danger” Charter Signing Ceremony as the kick-off activity, other promotions would be held to encourage the industry stakeholders to participate in the activity.

Members of the Com-CSY supported the “Say NO to Danger” activity and “Life First” Campaign. Members also noted the progress of “Life First” Campaign.

#### **2.6.2 Report on Construction Safety Week 2021**

TLam gave a presentation on Construction Safety Week 2021 as follows:

- a) The theme of the CSW 2021 is “Safety x Smart Site”, focusing on lifting and heavy machinery operation. Major activities included:
  - i) Kick-off Ceremony and Conference on 2 August 2021;
  - ii) Site Visits on 4 August 2021; and
  - iii) Considerate Contractors Site Award Scheme Award Presentation Ceremony on 6 August 2021.
- b) “Safety x Smart Site” Exhibition would be arranged in the Conference on 2 August 2021.

Members of the Com-CSY noted of the progress of CSW 2021.

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

SYYu briefed Members on the paper CIC/CSY/P/011/21 regarding the progress of the SST.

The progress of the SST was given as follows:

- a) As industrial divers intended to improve the safety of the industry through workers registration instead of training, the SST agreed to suspend the development of “Certificate Course for the Basic Safety Training of Industrial Diver”. Relevant stakeholders are recommended to contact the Department of Workers Registration of the CIC as necessary.

- b) 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 amongst the industry. The waiting time for attending these courses was long and in response the HKIC had increased the number of classes to cope with the demand.

DP suggested exploring the possibility of establishing safety training courses for professionals in the industry and discussing with relevant professional bodies. The CIC Secretariat would study the content of relevant courses in the market first and report accordingly.

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DP stated that the “A12 Course on Construction Materials Rigger”, “A12S Silver Card Course on Construction Materials Rigger and Signalman” and “Certificate for Lifting Safety Supervisors” were very important to the training for the safety of lifting operations in industry. For the “Certificate for Lifting Safety Supervisors”, CIC should provide sufficient training places of these courses for industry to train up adequate qualified supervisor in the market. Com-CSY would further explore with the industry to include these courses in the contract requirements. The CIC Secretariat would provide the information of the enrollment data for Members’ reference after the meeting.

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Members of the Com-CSY approved the summary notes of the meeting of the SST held on 3 June 2021 and noted the work progress of various tasks.

## **2.8 Progress of revamp of the HKIC - Kwai Chung Campus Safety Training Centre**

YLC gave a presentation on the progress of revamp of the HKIC - Kwai Chung Campus Safety Training Centre.

The progress was given as follows:

- a) Many workers were on the waiting list for attending the “Safety Training Revalidation Course for Construction Workers of Specified Trade” (silver card course). The HKIC had therefore extended the validity period of the Silver Cards.
- b) About 500 people were on the waiting list of the “Safety Training Course for Site Management Staff”. The classrooms and facilities of the Kowloon Bay Campus would be used for additional classes would be opened to shorten the waiting time for the course.

- c) The content of the “Construction Industry Safety Foundation Certificate Course”, including all the elements of the green card training course required by the Labour Department, was being developed and the course would be available for the HKIC’s students in September 2021.

Members of the Com-CSY noted the progress of revamp of the HKIC - Kwai Chung Campus Safety Training Centre.

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

CnC briefed Members on the paper CIC/CSY/P/012/21 regarding the progress of the STI.

The progress of the STI was given as follows:

- a) The final report research project, “Optimal Use of Internet of Things Technology (IoT) to Prevent Failure of Temporary Support System in Construction”, had been submitted. The STI endorsed the summary and final report of the research project, and approved the release of final instalment.
- b) Regarding the issue on the “safety performance assessment” of contractors and workers, the STI agreed that the record of positive safety behaviors of contractors and workers could be referenced to for accessing their safety performance at the first instance.
- c) Regarding the “Pay for Safety Scheme”, it was recommended to review the items of the Scheme, such as conducting specific inspection focusing on high risk activities by safety officer, conducting regular safety inspections by management of contractor and subcontractor, and providing site welfare facilities, etc.

Members of the Com-CSY approved the summary notes of the meeting of the STI held on 2 June 2021 and the summary, final report and final payment of the research project “Optimal Use of Internet of Things Technology (IoT) to Prevent Failure of Temporary Support System in Construction”. Members also noted the work progress of various tasks.

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

TLam briefed Members on the paper CIC/CSY/P/013/21 regarding the progress of the TF-TOB.

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

- a) The CIC Secretariat had submitted the “Guidelines on Truss-out Bamboo Scaffolds’ Safety Enhancement and Notification Arrangement” (Guidelines) to the legal team for vetting and would be published after legal vetting.
- b) The TF-TOB would mainly focus on the tasks related to insurance of truss-out bamboo scaffolders and the promotion of work safety of truss-out bamboo scaffolding in future.

A Member suggested strengthening the publicity of the Guidelines to the public and the industry.

CTN suggested that the representatives of RMAA works and the Department of Workers Registration of the CIC should discuss the notification mechanism, in order to strengthen the implementation method. The Com-CSY agreed to this direction.

Members of the Com-CSY approved the summary notes of the meeting of the TF-TOB held on 4 June 2021 and noted the work progress of various tasks.

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

DP briefed Members on the paper CIC/CSY/P/014/21 regarding the progress of the TF-DfS.

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

- a) Regarding the appointment of consultants to conduct a study for the development of design for safety management system and training programme, the tender assessment had been completed on 20 May 2021, and was awarded to Arcadis Consultancy Hong Kong Limited.
- b) The CIC Secretariat would notify Members of the date of the 1<sup>st</sup> progress meeting. Members were welcomed to participate in the monitoring work of the progress of the study.

Members of the Com-CSY approved the summary notes of the meeting of the TF-DfS held on 4 June 2021 and noted the work progress of various tasks.

## **2.10 Discussion on Business Plan and Budget 2022**

TLam briefed Members on the paper CIC/CSY/P/015/21 regarding the



business plan and budget of 2022.

TLam briefed Members on the followings:

- a) Business plan 2022 was developed on basis of the following 5 areas:
  - i) Implementation of safety planning, method development, and execution of high-risk activities;
  - ii) Clarification of stakeholders' responsibilities (clients + workers);
  - iii) Implementation of design for safety;
  - iv) Enhancement of RMAA works support; and
  - v) Improvement of private sector safety performance.

CTN stated that the business plan 2022 and budget might be revised after internal discussions of the CIC, and the CIC Secretariat would report to the Com-CSY after Council's approval.

Members of the Com-CSY endorsed the business plan and budget 2022.

## **2.11 Progress of Business Plan 2021**

In addition to the above reports, TLam reported the progress of other projects as follows:

- a) After issuing the "Guidelines on Truss-out Bamboo Scaffolds' Safety Enhancement and Notification Arrangement", a webinar would be conducted for promotion.
- b) On 2 July 2021, a webinar on "The Application of Internet of Things (IoT) Technology on Construction Safety" would be held to share the research findings.

Members of the Com-CSY noted of the progress of business plan 2021.

## **2.12 Any Other Business**

### **2.12.1 CTN had the following suggestions:**

- a) Organise a CEO Safety Forum on safety issues periodically;
- b) Establish a mechanism to mandatorily require construction industry practitioners with unsafe behaviours to attend safety training before resuming duty;
- c) Review the part of main contractors under the current "Pay for Safety" Scheme; and
- d) Strengthen the promotion of the concept of using innovative technology to enhance site safety.

The Chairperson of the Com-CSY responded as follows:

- a) Consider holding a CEO Safety Forum twice a year to review the details of fatal cases in the construction industry and related safety measures;
- b) Discuss the feasibility of establishing a mechanism with Members;
- c) Consider reviewing the part of main contractors under current “Pay for Safety” Scheme; and
- d) Express support to strengthen the promotion effort on the concept of using innovative technology to enhance site safety and discuss the implementation plans with Members.

The CIC Secretariat supplemented that a CEO Safety Forum would be held on 27 July 2021.

**2.12.2** On behalf of the Hong Kong Construction Association, a Member expressed his views on the consultation paper on “Raising Penalties on Occupational Safety and Health Legislation” of the Labour Department.

**2.12.3** Mr Paul WU of DEVB had replaced Mr Thomas HUI as a Member of the Com-CSY.

### **2.13 Next Meeting**

The next meeting would be held on 23 September 2021 (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 5:10pm.

**CIC Secretariat**  
**June 2021**