

Construction Industry Council
Committee on Construction Safety

Meeting No. 003/15 of the Committee on Construction Safety was held on Wednesday, 23 September 2015 at 2:30pm at Meeting Room No. 1, CIC Headquarters, 15/F, Allied Kajima Building, 138 Gloucester Road, Wan Chai, Hong Kong.

Present:	CHEUNG Hau-wai	(HWC)	Chairman
	HUI Siu-wai	(SWH)	
	LAI Chi-wah	(CWL <i>i</i>)	
	Lawrence NG	(LN)	
	CHAN Sau-kit, Allan	(SKC)	Chairperson of Task Group on Application of Innovative Design to Enhance Construction Safety (TG-IDS)
	Ada FUNG	(AF)	Chairperson of Task Force on Site Safety of Working in Lift Shaft (TF-WLS), Chairperson of Task Group on Safety of Lorry-mounted Crane (TG-LMC)
	Victor KWONG	(VK)	Chairperson of Informal Task Force on Site Safety Incidents (ITF-SSI)
	LAU Chi-kin	(CK <i>i</i> L)	Chairperson of Task Force on Review of Working Procedures for Safety (TF-WPS)
	LAM Tat-ming, Terence	(TmL)	Development Bureau (DevB)
	Joel CHAN	(CSC)	Hong Kong Institute of Architects, Authorised Person (HKIA, AP)
	Ronnie NG	(RNG)	Hong Kong Federation of Insurers (HKFI)
	Steve HOWARTH	(SeH)	MTR Corporation (MTRC)
In Attendance :	Thomas CHAN	(TsC)	Labour Department
	Raymond LAU	(RdL)	Buildings Department
	Timothy LAU	(TyL)	Housing Authority
	Sherman YIP	(SYP)	Housing Authority
	Jack FONG	(JkF)	Occupational Safety and

	Ivan KO	(IK)	Health Council (OSHC) Senior Manager - Construction Trade Testing
	Angela YUEN	(AaY)	Manager - Council Services
	Sally LEUNG	(SYLg)	Manager - Council Services
	Serina LAU	(SLau)	Assistant Manager - Council Services
Apologies :	CHOW Luen-kiu	(LKC)	
	WONG Sze-chun	(SCW)	
	Francis WONG	(FW)	Chairperson of Task Force on Site Housekeeping (TF-SHK)
	WU Wai-hung	(WHWu)	Chairperson of Task Force on Safety of Repair, Maintenance, Alterations and Additions (RMAA) sites (TF-RMA)
	WONG Kwok-keung	(KKW)	Hong Kong Federation of Electrical and Mechanical Contractors (HKFEMC)
	WONG Wai-man	(WMW)	Construction Site Workers General Union (CSWGU)
	Winson YEUNG	(WY)	Occupational Safety and Health Council (OSHC)

PROGRESS REPORT

Action

3.1 Confirmation of the Progress Report of the Com-CSY Meeting No. 002/15 held on 30 June 2015

Members took note of Progress Report CIC/CSY/R/002/15 and confirmed the Progress Report of the last meeting held on 30 June 2015.

3.2 Matters Arising from the Previous Meeting

Agenda item 2.12 Details were reported under Agenda Item 3.11 (to follow up the Experience Sharing for the Benchmarking Study Tour in Singapore).

Agenda item 2.14 The presentation would be postponed to the

next Com-CSY Meeting No. 004/15 (to follow
up the Fatalities of Construction Industry in
2014)

(See items 3.6 to 3.11 which were reported before items 3.3 to 3.5)

3.3 Rename the Task Group on Safety of Mobile Crane and Revise the Terms of Reference of the Task Group

(AF, and SYP joined the meeting at 4:10pm)

AaY briefed Members on the paper CIC/CSY/P/015/15 regarding the “Rename the Task Group on Safety of Mobile Crane and Revise the Terms of Reference of the Task Group”.

The first Task Group meeting was held on 2 July 2015. The name of the Task Group was suggested to revise as “Task Group on Safety of Lorry-mounted Crane” (TG-LMC) while the Terms of Reference was suggested to amend accordingly.

Since the relevant association (i.e. the Hong Kong Construction Sub-contractor Association (HKCSA)) was invited to join the Task Group and the representative from Transport Department was changed, the membership list was also revised.

After deliberations, Members endorsed to rename the Task Group as “Task Group on Safety of Lorry-mounted Crane (TG-LMC) and revise its Terms of Reference and Membership List.

3.4 Progress of the Task Group on Safety of Lorry-mounted Cranes

AaY briefed Members on the paper CIC/CSY/P/016/15 regarding “Progress of the Task Group on Safety of Lorry-mounted Cranes” (TG-LMC).

The Task Group meetings were held on 2 July, 13 August and 14 September 2015. To enable Members to get more idea on the lorry-mounted cranes, Members from different parties gave presentation and discussion on existing ordinance, training and examination of crane operators, and installation of lorry-mounted cranes, etc. Members suggested reviewing the existing training and examination of the crane operator. The recommendations from the Task Group have been

brought to the Course Advisory Panel on Plant Operation under the Task Force on Training of Construction Industry Training Board (CITB) to explore the possibility of implementation.

IK

The Safety Alert No. 002/15 – “Safety of Lorry-mounted Cranes - Considerations when Purchasing and Assembling Lorry-mounted Cranes” was prepared and would be discussed under Agenda Item 3.5.

Members took note of the progress of the TG-LMC.

3.5 Safety Alert No. 002/15 – “Safety of Lorry-mounted Cranes - Considerations when Purchasing and Assembling Lorry-mounted Cranes”

AF, the Chairperson of the Task Group on Safety of Lorry-mounted cranes briefed Members on the paper CIC/CSY/P/017/15 regarding “Safety Alert No. 002/15 – ‘Safety of Lorry-mounted Cranes - Considerations when Purchasing and Assembling Lorry-mounted Cranes’”.

There was no ordinance to regulate operation and installation of lorry-mounted cranes. This Safety Alert was to remind lorry-mounted cranes owner and relevant persons the requirements on purchasing and assembling lorry-mounted cranes, including:

- Planning and procurement of lorry-mounted cranes;
- Local assembly and testing of lorry-mounted cranes;
- Independent inspections and tests of the lorry-mounted cranes after installation; and
- Statutory requirements of lorry-mounted cranes before use

Besides, the Task Group on Safety of Lorry-mounted Cranes would prepare several Safety Alerts to provide good practices for construction industry stakeholders in a short term to fulfill the needs.

HWC agreed with AF the urgency to issue the Safety Alert in a short period of time as there were several fatal accidents related to lorry-mounted cranes in the past few months.

After deliberations, Members endorsed in principle the Safety Alert No. 002/15.

[Post Meeting Note: Comments from Hong Kong Professional Hoisting Engineering Associated Limited (HKPHEA) were received by email on 29 September 2015 after the Com-CSY Meeting No. 003/15. A meeting for the related Members of the Task Group on Safety of

Lorry-mounted Cranes and HKPHEA was held on 9 October 2015 for further discussion on the comments and amendments required for the Safety Alert No. 002/15. Revised Safety Alert No. 002/15 was formally published on 30 October 2015.]

3.6 Progress of the Task Force on Site Safety of Working in Lift Shaft

AaY briefed Members on the paper CIC/CSY/P/018/15 regarding the “Progress of the Task Force on Site Safety of Working in Lift Shaft” (TF-WLS).

The Task Group meetings were held on 10 August, 26 August and 10 September 2015 to facilitate drafting of the Guidelines on Safety of Lift Shaft Works Volume 4 – Builders' Lift. Key issues including the followings were discussed:

- Opening formed on the wall structure for the support of the hoisting beams of lifting platform / machine platform;
- Installation sequence of the Builders’ lift; and
- Managing common hazards in builders’ lift works in the Working Group

The Guidelines was undergoing and targeted to be submitted to the Task Force for review in early 2016.

Members took note of the progress of the TF-WLS.

3.7 Progress of the Task Group on Application of Innovative Design to Enhance Construction Safety

AaY briefed Members on the paper CIC/CSY/P/019/15 regarding the “Progress of the Task Group on Application of Innovative Design to Enhance Construction Safety” (TG-IDS).

Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies (LSCM) has conducted the trial run for Rear RFID Sensing / Alarm System for Vehicles for 3 venues and received some feedback in August 2015.

Besides, several sets of Safety Belt Engagement Sensing System would be available by the LSCM in October 2015 for testing and the trial run would be conducted accordingly.

Members took note of the progress of the TG-IDS.

(See item 3.9 which was reported before item 3.8)

3.8 Progress of the Experimental Learning on Site Safety 2015

AaY briefed Members on the paper CIC/CSY/P/020/15 regarding the “Progress of the Experimental Learning on Site Safety 2015”.

To inspire more undergraduates’ awareness in construction safety as well as preparing those who wish to join the construction industry in the near future, the CIC and the Hong Kong Construction Association (HKCA) co-organised the Safety Training Scheme “Experimental Learning on Site Safety 2015” (the Scheme). This year, 8 departments related to construction subjects from 6 universities/ institutions joined the Scheme.

The opening ceremony was held on 27 August 2015 at Noah’s Ark of Ma Wan. Ir Hon Chi-keung, Permanent Secretary for Development (Works), Development Bureau, Ir S S Lee, Chairman of the CIC and Mr Tsui Wai-tim, Vice-President of HKCA and Chairman of Health and Safety Committee were the officiating guests. LKC and VK also attended the opening ceremony on that day.

The first training course for about 50 trainees from Division of Building Science and Technology, City University of Hong Kong was successfully completed with tremendous positive responses from both guess and the participants on the same day. Around 8 more classes with the committed tertiary institutions were in progress.

The training course was aimed to bring out with the following key training content:

- To understand the usage and importance of Personal Protective Equipment (PPE);
- To experience working at height;
- To overcome challenge in collective effort;
- To evaluate the possible risk during the building process; and
- To plan on the procedure and division of work within the team.

Members appreciated the Scheme and it was a good experience for undergraduates who become the construction industry practitioners in a future to aware the importance of construction safety. LN, CSC and TyL suggested to continue liaising with the Department of Architecture in HKU and CUHK to persuade them to join the Scheme as “design for safety” was crucial in construction industry.

AaY reported that promotional leaflet and video were under production and would send to relevant departments for promotion in the near future.

Members took note of the progress of the Experimental Learning on Site Safety 2015.

3.9 Progress of the Informal Task Force on Site Safety Incidents

VK, the Chairman of the Informal Task Force on Site Safety Incidents (ITF-SSI) briefed Members on the paper CIC/CSY/P/021/15 regarding the progress of the ITF-SSI.

To remind construction workers to wear suitable safety helmets with chin straps, the Construction Safety Poster No. P-CSY-002-15 – Tips of Using Safety Helmets was drafted and circulated to Members of Com-CSY for endorsement on 13 August 2015 (incorporated comments from ITF-SSI). Members of the Com-CSY endorsed the Construction Safety Poster No. P-CSY-002-15 with minor adjustment received by 27 August 2015. The Construction Safety Poster No. P-CSY-002-15 was formally published on 1 September 2015 and would be submitted to Council for information.

VK also shared in the meeting some good safety helmets samples from Japan that can provide side impact protection at reasonable prices. These helmets were especially suitable for workers working at height and using in Japan and Taiwan already.

TsC agreed the importance of wearing suitable safety helmets with chin straps and reported that Labour Department (LD) would review the promotional materials.

After deliberations, Members appreciated the good quality of the samples from Japan and noted that review on the content of the Construction Safety Poster may be required later on. VK would discuss with LD about the suggestion on safety helmets with side impact protection.

Members took note of the progress of the ITF-SSI.

(CSC joined the meeting at 2:50pm)

(LN joined the meeting at 3:00pm)

3.10 Progress of the Task Force on Review of Working Procedures for Safety

CKiL, the Chairperson of the Task Force on Review of Working Procedures for Safety (TF-WPS) briefed Members on the paper CIC/CSY/P/022/15 regarding the progress of the TF-WPS.

The tender document for the Consultancy Services on Preparation of Safety Working Procedures Guidelines for Three Identified High Risk Activities for the Hong Kong Construction Industry was prepared and undergoing procurement process. The Consultancy Services was targeted to be commenced by late 2015 / early 2016.

The latest Consultancy Study Steering Group Members were updated. Steering Group Members would monitor the progress of the appointed Consultant and vet the deliverables to be submitted by the future Consultant.

Members took note of the progress of the TF-WPS.

3.11 Experience Sharing for the Benchmarking Study Tour in Singapore

SYLg represented CIC to participate in the Benchmarking Study on Infrastructure Projects and Design for Safety in Singapore co-organised by the Occupational Safety and Health Council (OSHC) and Workplace Safety and Health (WSH) Council from 23 to 27 March 2015 and shared the experience on the Benchmarking Study Tour in Singapore with Members of Com-CSY.

The study comprised both theoretical and practical aspects in construction safety and health, coupled with site visits to appreciate the implementation of OSH best practices in Singapore's construction industry.

Members appreciated the overall safety policy framework, construction fatality rate, risk management 2.0, bizSAFE programme, design for safety, construction safety orientation course and site projects (a tunnel construction project, a building site and two railway infrastructure projects) in Singapore.

Some Members suggested to review the training content and training hours of the "Green Card" course.. AaY reported that CIC and OSHC were reviewing the existing "Green Card" course with LD and expected to be launched in 2016. IK also reported that multi-media Self-learning Package for Mandatory Basic Safety Training Course was cancelled and

approved by CITB, which implied that all professionals were required to attend “Green Card” course.

After deliberations, HWC concluded that revision of “Green Card” course would be a continuous long time process. Members welcomed to give suggestions on the content of “Green Card” course for related Committee(s) and CIC Secretariat for follow-up.

3.12 Experience Sharing for the 31st International Congress on Occupational Health in Korea

The experience sharing presentation would be postponed to the next Com-CSY Meeting No. 004/15.

3.13 Experience Sharing for the IOSH Annual Conference and Exhibition 2015 in London

The experience sharing presentation would be postponed to the next Com-CSY Meeting No. 004/15.

3.14 Any Other Business

(i) Safety Training Centre in Shatin Training Ground

AaY gave a presentation on the proposed Safety Training Centre in Shatin Training Ground to be set up..

After deliberation, Members expressed queries on the co-operation format between CIC and other company, and requested the CIC Secretariat to further review and follow up.

[Post Meeting Note: After the meeting, CIC Secretariat has further reviewed and follow-up the comments from the members.]

(RNG left the meeting at 5:50 pm)

(CWLi left the meeting at 5:53 pm)

(AF and SYP left the meeting at 5:55pm)

(ii) Fatalities of Construction Industry in 2014

The presentation would be postponed to the next Com-CSY Meeting No. 004/15.

(iii) **Safety Experience and Training Centre (SETC) (Phrase 1) for the Construction Industry**

SyLg gave a verbal report on the progress of the Safety Experience and Training Centre (SETC) (Phrase 1) for the Construction Industry.

Only one tender returned after using alternative approach of an Expression of Interest (EOI) proposal and thus cannot proceed to the second stage of tender process.

After deliberations, it was agreed to explore the adoption of another approach (i.e. to engage foreign external specialist equipment suppliers) to design and install for the specialist equipment to have a trial.

Besides, it was suggested to consider the possibility to set up a Task Force to facilitate a more integrated planning of this project.

3.15 Next Meeting

2 December 2015 (Wednesday) at 2:30 pm at Meeting Room No. 1, CIC Headquarters.

[Post Meeting Note: The next Com-CSY Meeting No. 004/15 would be re-scheduled on 30 November 2015 (Monday)]

There being no further business, the meeting adjourned at 6:10 pm.

CIC Secretariat
November 2015