



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

CIC SNAPSHOTS

As part of its commitment to promote the interests of the construction industry in Hong Kong, the Construction Industry Council (CIC) publishes *CIC Snapshots* every two months to provide industry stakeholders with regular updates on the CIC's ongoing activities and the strategic issues handled by its committees.

ISSUE 18 JULY 2015

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Committee on Construction Safety

Construction Safety Poster No. P-CSY-001-15 – “Work Safety on Vessels and Construction Over Water” Published

Following the release of *Construction Safety Poster No. P-CSY-002-14 – “Safety for Construction Work Carried Out On, Adjacent To or Over Water – Prevention of Fall into Water”* in December 2014, the Committee on Construction Safety (Com-CSY) and the Informal Task Force on Site Safety Incidents issued another *Construction Safety Poster No. P-CSY-001-15 – “Work Safety on Vessels and Construction over Water”* on 22 April 2015 to address safety concerns at the mentioned workplace.



Task Group on Safety of Mobile Cranes to be set up

In the meeting No. 001/15 of Com-CSY held on 18 March 2015, it was agreed that a Task Group on Safety of Mobile Cranes would be formed under the Com-CSY to work together with industry stakeholders to enhance construction safety on mobile cranes. The chairperson of the Task Group will be Ms. Ada FUNG, Deputy Director of Housing (Development & Construction), Hong Kong Housing Authority, and membership invitations have been sent out.



Technology of the anti-heat stress construction uniform licensed to the CIC

Construction workers have to work outdoor for long hours in hot and humid weather. To reduce their stress, a research team led by Prof. Albert CHAN from the Department of Building and Real Estate of The Hong Kong Polytechnic University (PolyU) developed an anti-heat stress construction uniform. PolyU and the CIC entered into an agreement, with which PolyU will license the technology of anti-heat stress construction uniform to the CIC on 1 April 2015. Under the terms of the agreement, the CIC will also sublicense this technology to contractors for wider adoption in order to benefit more industry practitioners. Ir Dr. Christopher TO, Executive Director of the CIC signed the agreement on behalf of the CIC whilst Mr. CHEUNG Hau-wai, Chairman of the Com-CSY delivered a speech at the press conference cum signing ceremony.

Benchmarking Study on Infrastructure Projects and Design for Safety in Singapore

Ms. Sally LEUNG, Manager – Council Services of the CIC, participated 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.

The study group attended a series of seminars, site visits, and workshops on practical applications. Throughout the week, members learned about the implementation of OSH best practices in Singapore's construction industry, such as Risk Assessment, Design for Safety, Singapore's OSH management system, as well as Construction Safety Audit Scoring System and WSH best practices by contractors, etc. They visited a tunnel construction project, a building site, and infrastructural development project sites that are related to the construction of two rail lines.



Site visit for the Task Force / Task Group on Site Safety of Working in Lift Shaft

The CIC worked with the Lift and Escalator Contractors Association and Hong Kong Professional Hoisting Engineering Association to promote safety. To that end, the task force conducted a site visit in order to assess builders' lift operations and conditions on 10 April 2015. The drafting of the Guidelines on Builders' Lift is ongoing and scheduled for completion in 2015.

Construction Safety Promotional Campaign 2015

To heighten safety awareness and to further prevent work injuries in the construction industry, the CIC co-organised the “Construction Safety Promotional Campaign 2015” with the Occupational Safety and Health Council and the Labour Department. The campaign’s foci are major infrastructures, tunnel works, working at height, maintenance and renovation works, protection from falling and healthy living. The launching ceremony cum seminar was held at the Hong Kong Convention and Exhibition Centre on 12 May 2015. During the seminar, Ms. Sally LEUNG, Manager – Council Services of the CIC, shared her experiences after attending the Benchmarking Study on Infrastructure Projects and Design for Safety in Singapore. A sharing session and an award presentation ceremony will be held on 3 July 2015.



Promotional activities for Construction Safety Week 2015

Qigong sessions

Four sessions of Qigong refresher course were held on 14 and 28 March 2015 at the CIC Kowloon Bay Training Centre with more than 200 participants while two sessions of “Train-the-Trainer” were held on 18 and 25 April 2015 at ZCB attended by more than 200 participants as well.



Qigong Demonstration Competition

More than twenty teams entered the Qigong competition in the first round. The judging panel, composing of members from the Hong Kong Occupational Therapy Association, selected eight teams for the final round. A Kick-off Ceremony cum Qigong Demonstration Competition took place in the Golden Bauhinia Square and the Hong Kong Convention and Exhibition Centre on 27 May 2015, followed by a series of activities throughout the week.



Construction Safety App

The Construction Safety App was launched in the Construction Safety Week 2015's Opening Ceremony on 27 May 2015. As the campaign's promotion tool to reach frontline workers, industry practitioners, and other stakeholders, it aims to provide a one-stop platform to consolidate important and timely safety messages, as well as information on related events. As of 6 July 2015, there have been more than 3,000 downloads.



Construction Safety Week Conference

The Conference held on 27 May 2015 is one of the featured events of the Construction Safety Week 2015. It offered a platform for industry practitioners, other stakeholders, and local and overseas speakers to share initiatives and experience in construction safety. The main theme of the Conference is "Workers' Health and Safety Leadership". The morning sessions were open to managerial staff while the afternoon sessions were open to frontline practitioners. The aim was to promote and work towards achieving the target of "Zero Accident" in a concerted effort by everyone in the industry. With overwhelming responses, the Conference attracted over 900 attendees.



Innovative Safety Initiative Award

The Development Bureau, the CIC and the Hong Kong Construction Association continued to co-organise the Innovative Safety Initiative Award 2015 to promote safety and health in the construction industry. This year, 102 entries, showcasing creativity and innovation applied to enhance construction safety, were received. Thirty-three awards were presented at the ISIA award presentation ceremony, which was held at the Hong Kong Convention and Exhibition Centre on 27 May 2015.



Site visits

The site visits, part of the Construction Safety Week 2015, were co-organised by the Hong Kong Construction Association to promote safety and good practices to industry practitioners on 28 May 2015. Eleven site visits had been arranged and were attended by 300.

CCSAS Award Presentation Ceremony

The Considerate Contractors Site Award presentation was held at the Kowloon Bay International Trade and Exhibition Centre on 29 May 2015. More than 260 awards were presented, including 59 Considerate Contractors Site Awards, 49 Model Worker and 50 Model Frontline Supervisor Awards. Among these Model Workers and Model Frontline Supervisors, the Best Model Worker and the Best Model Frontline Supervisor were honoured.



Mega Banners for Construction Safety

A series of eye-catching mega banners are to be displayed at various construction sites in order to heighten the frontline workers' safety awareness. Through this campaign, the Development Bureau and the CIC get the key messages of "family first" and "join forces for safety" across.



Stakeholder relations

To boost ties with industry stakeholders, the Construction Industry Council and the Committee on Construction Safety actively take part in industry and related events to share the latest CIC direction and initiatives.

Joint Symposium of Occupational Safety & Health in Building Industry

On 21 March 2015, Mr. Victor WONG, Senior Manager – Council Services, was invited to speak at the 2015 Joint Symposium of Occupational Safety & Health in the Building Industry. The symposium was co-organised by the Society of Operations Engineers (Hong Kong Region) and the Chartered Association of Building Engineers.



Seminar on “Safety – it starts with good design”

On 1 April 2015, the Association of Consulting Engineers of Hong Kong organised a seminar on “Safety – it starts with good design”, which aimed to develop a framework for generating designs that minimise hazards in the later stages of project life cycle in construction, operation, maintenance, decommissioning, and demolition. Ir Dr. Christopher TO, Executive Director of the CIC delivered a speech on “How to Enhance Safety Performance for New Joiners and Existing Workforce of the Construction Industry”.



HKISA Annual Conference 2015

On 20 April 2015, Mr. CHEUNG Hau-wai, Chairman of Com-CSY was invited to deliver an opening speech in – “Memories of Occupational Safety and Health in the Past 30 Years”, the 2015 Annual Conference of the Hong Kong Industrial Safety Association.

Dialogues with the Institution of Occupational Safety and Health of the United Kingdom

Mr. CHEUNG Hau-wai, Chairman of Committee on Construction Safety of the CIC, and Ms. Sally LEUNG, Manager – Council Services of the CIC (1st right), attended a networking lunch with the delegates from the Institution of Occupational Safety and Health of the United Kingdom on 22 April 2015. Mr. Edmond LAM, Manager – Construction Training (Kowloon Bay Training Centre) of the CIC (4th right) led the delegates to visit the CIC Kowloon Bay Training Centre in the afternoon, followed by a guided tour of ZCB.



Work-at-height Safety Forum cum Safety Equipment Exhibition

On 27 April 2015, Mr. CHEUNG Hau-wai, Chairman of Com-CSY was one of the forum discussants in the Work-at-height Safety Forum cum Safety Equipment Exhibition, which was co-organised by the Labour Department and the Occupational Safety and Health Council.



Committee on Environment, Innovation and Technology



Development of Eco-friendly Sand for Construction

On 24 March 2015, Mr. HO Wai-wah, Chairman of the Task Force on River Sand Substitutes Research of the Com-EIT (middle), Mr. WONG Chung-kit, Senior Manager – Council Services of the CIC, (1st right), Mr. Edmond LAM, Manager – Construction Training (Kowloon Bay Training Centre) of the CIC (2nd right), and Prof. Albert KWAN, Project Researcher from the University of Hong Kong (3rd right) as well as other Task Force members conducted a series

of trial tests in the CIC Kowloon Bay Training Centre in order to find out an ideal mortar mix of a new artificial sand. This eco-friendly sand is meant to replace the dwindling supply of natural river sand. Veteran plastering workers were also invited to help fine-tune the work procedure. This CIC-initiated lab test is also an opportunity to foster experience and knowledge sharing among researchers, frontline workers, and industry leaders.

Committee on Procurement and Subcontracting

NEC ECC Project Manager Accreditation Programme (Hong Kong) training classes

The CIC signed the “Memorandum of Understanding for Collaboration between the CIC and the NEC UK” in 2014. Since then, the CIC has been working closely with the NEC UK to launch the NEC ECC Project Manager Accreditation Programme in Hong Kong for construction stakeholders.

Subsequent to the first NEC ECC Project Manager Accreditation Programme (Hong Kong) training class held in February 2015, two classes were held from 4 to 8 May and from 11 to 15 May 2015 respectively at ZCB. The classes were taught by an experienced NEC practitioner from the United Kingdom Mr. Robert GERRARD, with 16 participants enrolled in each class. The training classes represent a wide spectrum of sectors and stakeholders, such as government officials, consultants, and contractors.

This programme, involving a mix of online training, interactive classroom training, and post-teaching assessment, is designed to equip trainees with the necessary skills to manage a project using the NEC ECC. Covering all the steps from project initiation to completion, the training programme revisits ECC procedures and their purpose, pinpoints the interdependencies of the various documents that are required by the ECC, and reiterates the benefits of closely following the ECC regime.

Classes will also be offered in July, September, and November 2015.

Interested parties may visit NEC UK's website for enrolment:

www.neccontract.com/products/training/ecc-project-manager-accreditation-hong-kong



Case Books on NEC Projects in Hong Kong

The Task Force on NEC3 Collaborative Contracts would produce a series of Case Books on NEC Projects in Hong Kong, including the Drainage Services Department's Improvement of Fuk Man Road Nullah Project and CLP Power Limited's first completed NEC Project in 2015.



Committee on Productivity and Research



CIC Innovation Award 2015 Grand Launch Ceremony

More than 150 distinguished guests representing the industry, many professional sectors, and academia celebrated the launch of the first CIC Innovation Award in a ceremony on 16 April 2015. The Award is co-organised by the Committee on Productivity and Research (Com-PNS) and the Committee on Environment, Innovation and Technology (Com-EIT). Ir Kevin POOLE, Panel Chair of the Award and Chairman of the Com-EIT, Prof. Christopher LEUNG, Panel Vice-Chair of the Award and Chairman of the Com-PNS, shared several cutting-edge technological applications which have tremendous potential in various fields. Competition categories and judging criteria were also announced. The Award is now open for entries. For information, please visit:

cicinnovationaward2015.hkcic.org

Research Funding Application

Research institutes were invited to apply for the latest round of CIC's research funding in late March 2015. Research proposals submitted by 1 June 2015 will be reviewed by the CIC Secretariat and the Task Force on Research.

Construction Workers Registration Board



Television and radio advertisements to promote "Senior Workers Registration Arrangement"

The Construction Workers Registration (Amendment) Ordinance 2014 ("(Amendment) Ordinance") came into effect on 1 April 2015. To promulgate the Amendment Ordinance among industry stakeholders at different levels, and in particular the provisions for Senior Workers Registration Arrangement and the designated workers for designated skills, an advertisement campaign has launched on television channels from 30 April 2015, and will soon go on radio as well. Veteran actor Mr. CHAN Shek-sau and his actor son, Mr. Sam CHAN, played the roles of skilled workers. The captivating characters encourage qualified workers to register as skilled workers through the Senior Workers Registration Arrangement by 30 September 2016.

Animated video for “Designated Workers for Designated Skills”

A 2-minute animated video to explain the provision for “designated workers for designated skills” in the *Construction Workers Registration Ordinance* was produced by the CIC and now goes live on the CIC’s YouTube channel at www.youtube.com/hkcic. The video clip is also shown at all CIC workers registration service points. To watch the video, please scan the QR code:



Briefing sessions to promote “Designated Workers for Designated Skills” provision

In view of overwhelming responses from participants in briefing sessions organised from March to May, more briefing sessions will be offered in the coming months.

Date	Time	Venue
19 June 2015 (Friday)	3:30pm	Construction Industry Resource Centre G/F, 44 Tai Yip Street, Kowloon Bay, Kowloon
24 July 2015 (Friday)		
26 August 2015 (Wednesday)		
23 September 2015 (Wednesday)		

The CIC will arrange tailor-made briefing sessions at labour unions, trade associations, and individual companies upon request, catering to construction workers who are unable to attend the regular sessions. In addition, the CIC collaborates further with labour unions to reach out to affected workers by organising on-site briefing sessions. Mr. CHOW Luen-kiu, Chairman of the Hong Kong Construction Industry Employees General Union introduced key amendments to the *Construction Workers Registration Ordinance* to the workers.



For enquiries on registration, please contact the Workers Registration Secretariat at 2100 9267 or email cwro-enquiry@hkcic.org.

Trial programme of proposed reasonable measures for “Instruction and Supervision” and “Exempted Works” on construction sites

With the support of the construction industry, trade associations, and public works bodies, the CIC collected data and opinions from over 20 participating construction sites as part of the on-site trial programme of proposed reasonable measures for “Instruction and Supervision” and “Exempted Works”. The first round of trial was held from April to June 2015, which provided valuable feedback for the preparation of the Codes of Practice for reasonable measures.

The Latest on Construction Workers Registration System (CWRS)

The CWRS will roll out in phases, and the first phase is set to launch in December 2015. To ensure the new system’s workability for actual site operation, the “Working Group for CWRS User Acceptance Test and Pilot Run” and “Working Group for Biometric Template-on-Card Contractors” were formed under the Task Force to monitor and track the new system’s progress.

For the latest news and activities, please visit cwr.hkcic.org.

CIC Scholarships for the Family Members of Registered Construction Workers 2015

If you are a registered construction worker with children attaining outstanding results in the 2015 HKDSE, you can apply for the CIC Scholarships for the Family Members of Registered Construction Workers before 31 August 2015. A maximum of 20 scholarships will be awarded this year. More details can be found on cwr.hkcic.org/information/scholarships.asp.

2015 Scholarships for the Family Members of Registered Construction Workers

Scholarships for the Family Members of Registered Construction Workers are offered to outstanding students for their outstanding academic achievements in the Hong Kong Diploma of Secondary Education (HKDSE) and to recognize the contribution of construction workers to the development of Hong Kong society with supporting their families, raising and providing guidance to their children.

Eligibility Requirements

Applicants must meet the following four requirements at the time of application:

1. A candidate of the 2015 HKDSE who meets the minimum requirements for admission to local universities, i.e. HKDSE scores of 3,3,2,2 or above and
2. A Hong Kong resident and
3. At least one of the Applicant's parents, guardian or siblings must be
4. Currently engaged in "construction work", and

A registered construction worker with valid registration number (as of June 2015) and the registration is still valid on the date of the submission of the application form and the scholarship award presentation ceremony.

Applicants are submitted by immediate family members or guardians under the guardianship of all three members of Construction Industry Council and these supporting and recommendation letters on construction site (e.g. site visit, safety talks, etc.) must be submitted, and will not be considered.

Award Details

Please visit <http://cwr.hkcic.org> for details.

Scholarship	No. of Recipients	Scholarship Amount (HKD)
Winner	1	\$20,000
1 st Runner-up	1	\$10,000
2 nd Runner-up	1	\$10,000
Outstanding Parent	4	\$4,000
Merit Award	9	\$4,000

Applicants who are also listed in the list of students related to construction or engineering in local universities or tertiary institutions will be offered an extra scholarship of HK\$10,000.

How to Apply

Application form and guidelines are available at <http://cwr.hkcic.org>. Written Registration Service Points, major construction trade unions and local construction colleges, districts construction trade unions and local construction colleges, District Education Offices, and the Education Department will also provide the application form and guidelines to the public. Applicants can also be identified by social media such as Facebook or by posting to the Construction Workers Registration Board Secretariat, CIC Headquarters or Written Registration Service Points (addressed as above on the application guidelines for details).

Deadline for Application
31 August 2015

Enquiry:
2100 9271 / 2100 9267

QR Code

ZCB

ZCB Tree Adoption Campaign Newly Launched

Blue skies, clean oceans and green mountains are Mother Earth’s gift to humankind. Our next generation will thank us for our efforts today. ZCB is the first zero carbon building in Hong Kong. Half of ZCB’s land area is landscaped and the revolutionary building boasts the first Urban Native Woodland in the territory. Adopting trees in ZCB helps us promote eco-building design and technologies to the construction industry and advocate a low carbon lifestyle that is a major step in saving our planet.



We have four different Tree Adoption Zones for adopters' selection. The adoption amount per doner per year for different tree zones is listed below:

Zone	Donation amount per doner per year	Number of adopters per tree
Zone T	HK\$20,000	1
Zone A	HK\$5,000	1
Zone B	HK\$3,000	2
Zone C	HK\$1,000	3

All tree adopters will be entitled to a Tree Adoption Certificate and four free admission tickets with guided tour service of ZCB as a token of appreciation. A plaque imprinted with adopter's designated name will be hanged on the tree.

For more details, please visit ZCB's website zcb.hkcc.org/Eng/Contribute/TreeAdoptionCampaign.aspx

The image shows a green-themed informational poster and a form for the ZCB 'TREE ADOPTION CAMPAIGN'. The poster includes a globe icon, a list of tree species (e.g., Ficus, Ginkgo, etc.), and a 'How to adopt a tree' section. The form is titled 'ZCB "TREE ADOPTION CAMPAIGN" FORM' and contains sections for 'Adopter's Information' (Name, Address, Phone, Email), 'Tree Adoption Details' (Zone, Species, Amount, etc.), and 'Payment Information' (Bank Name, Account Number, etc.).



Hong Kong's solid waste problem and the recycling industry's operation, our ZCB Ambassadors were inspired to put the cardinal 3Rs—Reduce, Reuse and Recycle—into practice.

Visited EcoPark to Engage ZCB Student Ambassadors

Municipal solid waste management is one of the biggest challenges in Hong Kong, and our ZCB Student Ambassadors visited EcoPark, the first recycling-business park in Hong Kong, and WEEE Recycling Centre on 28 March 2015 in order to learn more about waste management, reduction and recovery.

Having gained first-hand insights on the severity of

Award of design and installation contract of energy efficient eco-lighting

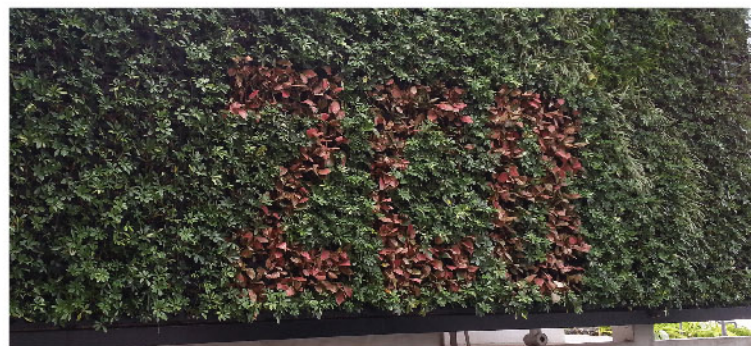
ZCB has confirmed the design of outdoor eco-lighting, which will be installed on ZCB's roof, eaves on the south façade and landscape area. ZCB continues its efforts to showcase smarter, environmentally-friendly building design, including energy efficient LED lighting in this case. All associated lighting equipment and battery storage are sponsored by Guangzhou Hailin Electronic Technology Co., Ltd. The project began in May 2015 and was scheduled to complete by September.

Sponsorships secured for revamping the Mezzanine floor into a new themed exhibition zone on energy efficiency

Thanks to the generous support of The Hongkong Electric Company, CLP Power Hong Kong Limited, and The Hong Kong and China Gas Company Limited, ZCB will revamp the exhibition display on the mezzanine floor into a new exhibition on the theme of energy efficiency. Stay tuned for more details.

Completion work of construction of Green Wall

Thanks to generous sponsorship of Eco-green group, the installation work of vertical wall for the exterior wall near the vehicle entrance of ZCB was completed.



Interactive Display of Low Carbon Living Tips

"CUHK Jockey Club Initiative Gaia" set up a series of interactive games with different themes at ZCB from 17 to 24 April 2015 in order to raise public awareness of saving the environment. Members of the public were given low carbon living tips through these educational games.

The Annual Reception of ZCB Ambassador Scheme

The CIC and ZCB hosted the second "ZCB Ambassador Scheme" Annual Reception at ZCB on 21 May 2015. A total of 32 Student Ambassadors received awards this year including two Platinum Awards, as a recognition of their active participation in promoting low carbon living. They put what they have learnt into practice and promoted the low carbon lifestyle to their families and friends. In his capacity as the Commander of ZCB Ambassadors, Mr. Paul CHAN, Secretary for Development, officiated the event. It was an opportunity for all to review the scheme's achievements over the past year and share plans for the way forward.



Announcement of Inaugural Zero Carbon Building Conference

The Inaugural ZCB Conference will be organised by ZCB on Thursday, 15 October 2015 at ZCB. Its theme is "Decarbonising High-rise Buildings in Subtropical and High Density Cities". International industry experts, local experts, and senior Hong Kong government officials will speak at the Conference. Stay tuned for more details.

Construction Industry Training Board

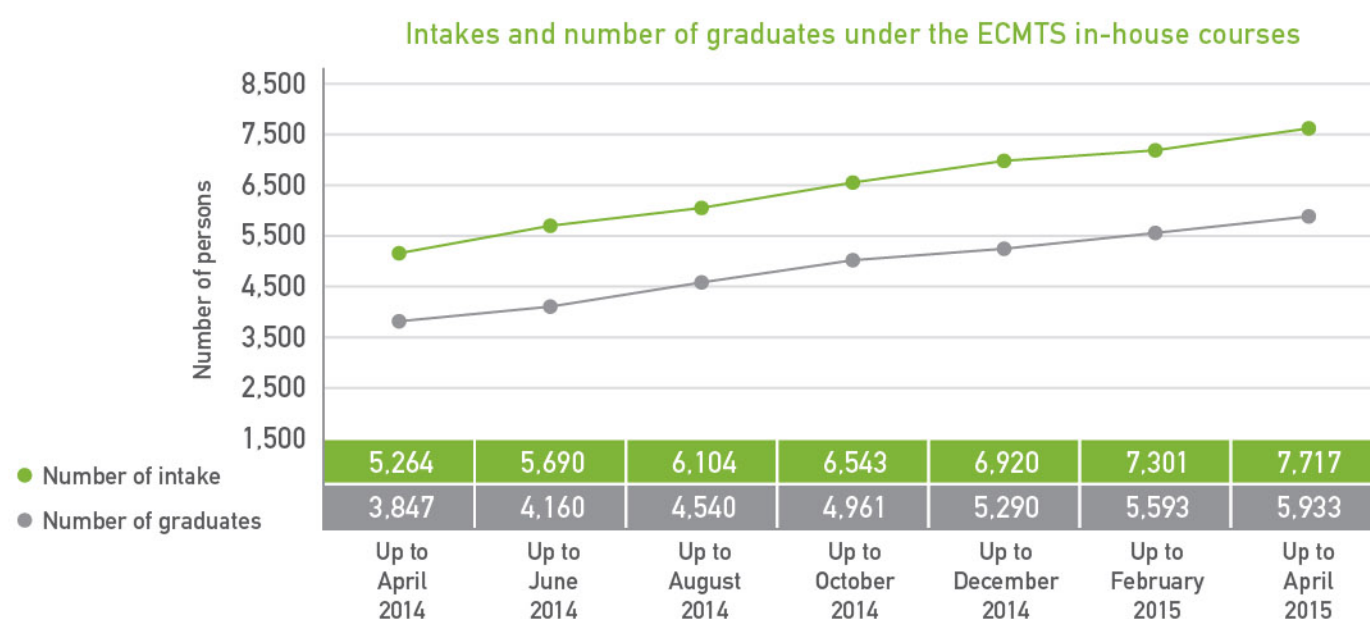
Updates of manpower situation

The 2015 update of the CIC Manpower Forecasting Model is in progress. The latest update of the Construction Expenditure Forecast data in 2015 from the Focus Group on Projected Construction Expenditure is close to the final stage and CICMF Model will apply its latest figure in the demand model. At the same time, project data and labour deployment records are being collected to update the labour multipliers. Updated profile of registered workers and training statistics have been sought to update the supply figures of workers.

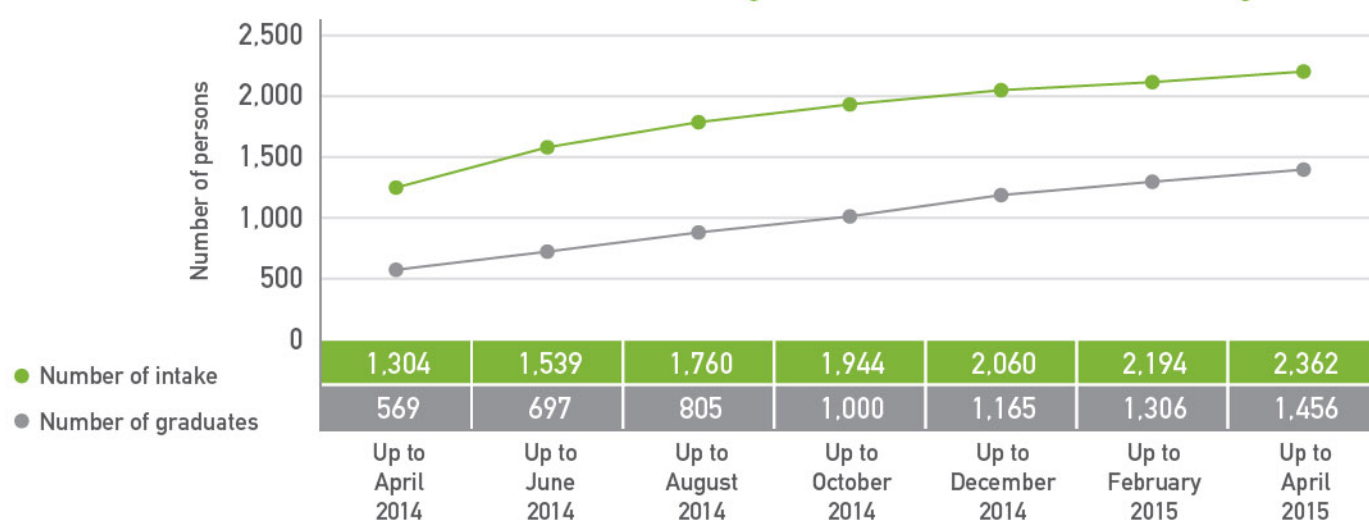
Training initiatives for workers

The CIC continues to provide the 1-year Basic Craft Courses (BCC), Adult Short Courses, Construction Supervisor / Technician Training Programme (CST), in-house courses of Enhanced Construction Manpower Training Scheme (ECMTS), i.e. courses on trades with acute manpower shortage for the training of new blood for the industry. In the meantime, it also collaborates with main contractors, sub-contractors, industry associations, and trade unions to provide various cooperative training schemes. The number of ECMTS graduates (in-house and cooperative training) has already reached the target of 6,000 by November 2014 and has increased to 6,856 as of end March 2015.

The training figures of ECMTS in-house courses and cooperative training schemes as of April 2015 are tabulated below:



Intakes and number of graduates under Collaborative Training



Note: Cooperative training schemes include Contractor Cooperative Training Scheme, Subcontractor Cooperative Training Scheme, Plumbing-Contractor Cooperative Training Scheme, Contractor Cooperative Training Scheme for E&M Trades and Construction Industry Cooperative Training Scheme (Labour Union) - Pilot Scheme.

As at 31 March 2015, 268 trainees graduated from the Adult Short Courses while 307 and 399 trainees are undergoing Adult Short Courses and Basic Craft Courses respectively.

Other subsidy schemes for CIC graduates or their employers

To enable CIC graduates to stay in the industry and continue to receive proper training, the CIC runs an Apprenticeship Subsidy Scheme for BCC and CST graduates who sign apprenticeship contracts with their employers within one year after graduation. By the end of April 2015, 306 graduates are receiving a monthly allowance of \$2,000 under the Scheme. The CIC at the same time also runs a scheme, namely the On-the-Job Training Subsidy Scheme (OJTS), to encourage employers to employ the graduates of CIC's cooperative training schemes and the ECMTS. As of the end of April 2015, 297 trainees are being subsidised to receive on-the-job training with a subsidy ranging from \$4,000 to \$6,000 per month being given to the participating employers. In addition, six applications to provide 27 training places are also received and being processed.

Adult Short Course Graduates for employment

In the monthly email sent out in early May 2015 to prospective employers, the number of graduates of 24 Adult short Courses available for interview for employment is tabulated below:

Trade	Number of graduates available for interview
Bar-bending and Fixing	110
Metal Works	15
Computer Aided Drafting	6
Building Services Supervisor Certificate Course	36
Civil Engineering Supervisor Certificate Course	18
Measurement Technician Assistant	9
Plumbing and Pipe-fitting in Building Construction	18
Drainlaying	7
Timber & Aluminium Formwork	50
Curtain Wall and Aluminium Window Installation	15
Metal Formwork and Concreting	15
Surveying and Setting-out	20
Site Surveying	20
Repair & Maintenance in Building Works	2
Bricklaying and Tiling	5
Bricklaying and Plastering	5
Joinery for Building Works	30
Metal Scaffolding (Civil Engineering and Building Construction) (English Class)	5
Metal Scaffolding (Civil Engineering and Building Construction)	10
Construction Scaffolding	12
Excavator Operation	8
Painting	15
Tower Crane Operation	5
Bulldozer and Loader Operation	5
Total	441

For more information on the employment of our graduates, please visit the CIC's website:

www.hkcic.org/eng/employer/graduates.aspx.

Introduction of new trade tests in response to CWRO Amendments

The *Construction Workers Registration (Amendment) Ordinance* 2014 already came into operation on 1 April 2015 and the requirement of having “designated workers for designated skills” is scheduled for implementation in April 2017. To cater for the registration needs of construction workers, the following 17 new trade test and 17 new intermediate trade test questions have been drafted and approved by the Construction Industry Training Board:

Newly added trade tests	Newly added intermediate trade tests
Carpenter (Formwork-Civil Construction) (Striking)	Waterproofing Worker (Burn-type Felt)
Carpenter (Formwork-Building Construction) (Striking)	Plasterer (Floor)
Joiner (Assembling)	Tiler (Mosaic)
Plasterer (Floor)	Tiler (Tile)
Marble Worker (Polishing)	Marble Worker (Dry Fixing)
Painter and Decorator (Roller Painting)	Marble Worker (Wet Fixing)
Painter and Decorator (Surface Filling)	Piling Operative (Percussive Pile)
Painter and Decorator (Emulsion Painting)	Piling Operative (Bored Pile)
Painter and Decorator (Brushing Lacquering)	Plant and Equipment Operator (Percussive Pile)
Painter and Decorator (Synthetic Painting)	Plant and Equipment Operator (Bored Pile)
Painter and Decorator (Clear Lacquering)	Plant and Equipment Operator (Tunneling) – Jumbo Drilling
Painter and Decorator (Texture-spray)	Plant and Equipment Operator (Tunneling) – Segment Erection
Painter and Decorator (Metal Paint Spray)	Plant and Equipment Operator (Tunneling) – Tunnel Boring Machine
Painter and Decorator (Paperhanging)	Marine Construction Plant Operator (Derrick)
Painter and Decorator (Sign Writing)	Marine Construction Plant Operator (Boom-grab Bucket)
Overhead Linesman	Marine Construction Plant Operator (Boom-hook)
Cable Jointer (Low Voltage)	Asphalter (Road Construction)

Advanced Construction Manpower Training Scheme - Pilot Scheme (ACMTS-Pilot)

In response to the \$100 million earmarked by the HKSAR Government to enable the CIC to strengthen their work to train skilled workers for the industry, the ACMTS-Pilot is devised after consulting the industry stakeholders and is recently approved by the Construction Industry Training Board in March 2015. The main objective of the pilot scheme is to train up semi-skilled workers (who otherwise may need three or four years before attempting the trade tests) to become skilled workers in a shorter period through systematic training for a maximum of two years. The pilot scheme includes ACMTS-Pilot (Structured On-the-Job) in form of collaborative training provided by contractors and sub-contractors and ACMTS-Pilot (Skills Enhancement Courses) conducted by labour unions. The preliminary training places set for the pilot scheme is 1,000. The second round of consultation with related stakeholders was held on 27 April 2015 to fine tune the proposal and details will be announced once finalised.

CIC's Publications

Alerts

- Safety Alert No. 001/15 Safety Use of Vertical Transportation at Construction Sites (January 2015)
- Procurement Alert No. 001/14 Use of On-Demand Performance Bonds in Construction Contracts (September 2014)
- Safety Alert No. 001/14 Fire Safety on Construction Sites (April 2014)
- Safety Alert No. 005/13 Excavation Works in the Vicinity of Underground Utilities – Buried Gas Pipes and Cables (December 2013)
- Safety Alert No. 004/13 Safe Use of Lifting Appliances and Lifting Gear (October 2013)
- Safety Alert No. 003/13 Avoid Using Ladders for Working at Height in Repair, Maintenance, Alteration and Addition Works (August 2013)
- Safety Alert No. 002/13 Adoption of Method Statements on Sites (May 2013)
- Procurement Alert No.001/13 Recent Issues of Concern on Tendering of Construction Contracts (May 2013)
- Safety Alert No. 001/13 Safe Use of Mobile Metal Scaffolds for Repair, Maintenance, Alteration and Addition Works (May 2013)
- Safety Alert No. 003/12 Prevention of Electrocution (November 2012)
- Safety Alert No. 002/12 Safety Related Matters of Workers Engaging in Renovation and Repair Works (With The Use of Volatile Organic Compounds) in Commercial Premises (November 2012)
- Safety Alert No. 001/12 Water Pipe Laying Works – Pressure Test (Road Works) (August 2012)
- Safety Alert No. 001/11 Fabrication of Reinforcement Cages of Bored Piles (Updated in February 2013)

Guidelines*

Construction Safety

- Guidelines on the Implementation of “P” and “N” Caring Programme (March 2015)
- Guidance Notes on How to Manage the Maintenance Works carried out by Registered Lift / Escalator Contractor (August 2014)
- Guidelines on Planking Arrangement for Providing Working Platforms on Bamboo Scaffolds (May 2014)
- Guidelines on Safety of Lift Shaft Works: Volume 3 – Throughout the Occupation Stage of Building (November 2013)
 - Index Summary for Guidelines on Safety of Lift Shaft Works: Volume 1 - Volume 3
- Guidelines on Fabrication of Reinforcement Cages of Bored Piles (Version 1 - July 2013)
- Guidelines on Site Safety Measures for Working in Hot Weather (Version 2 - April 2013)
- Guidelines on the Adoption of the Pay For Safety Scheme (December 2012)
- Guidelines on Safety of Lift Shaft Works: Volume 2- During Lift Installation Stage until Issue of Occupation Permit and Handing Over to Developer (January 2012)
- Guidelines on Handling Construction Work Injury and Fatal Accident Cases (July 2011)
- Technical Guidelines on the Design, Installation & Maintenance of Cast-in Anchors at External Walls of New Buildings (July 2011)

- Guidelines on Safety of Lift Shaft Works: Volume 1 - During Construction Stage and Before Handing Over to Lift Installation Contractor (July 2010)
- Guidelines on Safety of Tower Cranes (Version 2 - July 2010)
- Guidelines on Administration Charges for Reporting of Site Accidents (August 2008)
- Guidelines on Safety of Site Vehicles and Mobile Plant (June 2008)
- Guidelines on Site Safety Measures for Working in Hot Weather (June 2008)

Environment, Innovation and Technology

- Guidelines on Trip Ticket System for Disposal of Construction & Demolition Materials in Private Sector Works (May 2011)

Procurement and Subcontracting

- Guidelines on Measures for Protection of Workers' Wages (Version 2 - March 2013)
 - Specimen Employment Contract (Extracted from the Guidelines on Measures for Protection of Workers' Wages, Version 2)
- Guidelines on Contract Price Fluctuation System (December 2011)
- Guidelines on Dispute Resolution (September 2010)
- Guidelines on Partnering (August 2010)

*Definition of Guidelines

Before September 2012 : Guidelines are intended to guide industry participants to adopt new standards, methodologies or practices. The CIC strongly recommends the adoption of these Guidelines by industry stakeholders where appropriate.

After September 2012 : The CIC expects all industry participants to adopt the recommendations set out in such Guidelines and to adhere to such standards or procedures therein at all times. Industry participants are expected to be able to justify any course of action that deviates from those recommendations.

Reference Materials

- Reference Materials on the Selection of Consultants (November 2014)
- Roadmap for Building Information Modelling Strategic Implementation in Hong Kong's Construction Industry (September 2014)
- Reference Materials for Application of Dispute Resolution in Construction Contracts (January 2013)

Reports

- Report of CIC Manpower Forecasting Model 2014 (Site Supervisory Personnel, Technicians & Professional) (October 2014)
- Report of CIC Manpower Forecasting Model 2014 (Workers) (Amended) (September 2014)
- BIM @ CIC Conference 2013 – Construction Innovation: Productivity and Technology (July 2014)
- Report on Manpower Research for the Construction Industry in Hong Kong (Workers) First update in 2013 (Specially Updated Version - February 2014) (June 2014)

- Research on River Sand Substitutes for Concrete Production and Cement Sand Mortar Production (Phase One) Final Report (April 2013)
- Study Report - Research on Adhesion Technologies for External Wall Tiles and Rendering (January 2013)
- Demand and Supply Forecast of Hong Kong Construction Workforce for 2012 to 2016 (September 2012)
- Status Report - Update on the Review of Local Construction Standards 2012 (June 2012)
- Summary Report on Review of Local Construction Standards (2010)

Fact Sheets

- Procurement Fact Sheet No. 001/14 Owner-Controlled Insurance Programme in Construction Contracts (September 2014)
- BIM: Fact Sheet No. 001/13 Strategic Implementation of Building Information Modelling (BIM) in Hong Kong's Construction Industry (May 2013)
- Procurement Fact Sheet No. 001/13 The Competition Ordinance (April 2013)

Educational Materials

- Liberal Studies: Hong Kong Construction Industry Information Kit (October 2013)



CIC's publications are available for download from the CIC's website via the below hyperlink:

www.hkcic.org/eng/info/publication.aspx?langType=1033&id=4458

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