



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 19

SEPTEMBER  
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# Committee on Construction Safety

## 31st International Congress on Occupational Health

Mr. CHEUNG Hau-wai, Chairman of Committee on Construction Safety and Ms. Sally LEUNG, Manager – Council Services of the CIC participated in the 31st International Congress on Occupational Health in Korea, which was co-organised by the International Commission on Occupational Health, the Korea Occupational Safety & Health Agency and the Korean Society of Occupational and Environmental Medicine from 31 May to 5 June 2015.

The Congress was composed of five parallel conferences, a policy forum, an international safety and health exhibition and exchange visits. Participants learned about Korea's good practices in safety and health management, the safety and health culture, as well as health-and-safety-related technology and equipment.

Besides, the team paid a visit to safety sensor training centres and safety sensor manufacturers there. They also met with the Director General of the Seoul Energy Dream Center, and drew on lessons on its operation model, promotional strategy, exhibition and visitor centre.





## Business Trip to Taiwan to Promote Occupational Safety

Mr. CHOW Luen-kiu, Member of the Committee on Construction Safety, Ms. Angela YUEN, Manager – Council Services, and Ms. Serina LAU, Assistant Manager – Council Services, joined a business trip organised by the Hong Kong Federation of Occupational Safety and Health Associations to Taipei, Taiwan from 23 to 25 June 2015 in order to study Taiwanese occupational safety practices and exchanged views.



One of the trip's highlights was the 10th Taiwan Safety Culture Forum, where Mr. CHOW Luen-kiu delivered a presentation entitled "Recent Concerns and Works on Construction Safety in Hong Kong." They also visited a number of construction sites and a training centre there.





## IOSH Annual Conference and Exhibition 2015

Mr. CHEUNG Hau-wai, Chairman of Committee on Construction Safety was invited to the Institution of Occupational Safety and Health Annual Conference and Exhibition as a VIP guest in London from 16 to 17 June 2015.

A Safety and Health Expo was also held to promote new products, services, and knowledge related to occupational safety. Additionally, Mr. CHEUNG visited the Building Centre and met with its Chief Executive to draw on the UK experience.



## Briefing on Managing Maintenance Works for Lifts and Escalators

Briefing on “Managing Maintenance Works for Lifts and Escalators,” co-organised by the Construction Industry Council and the Electrical and Mechanical Services Department (EMSD) was held at EMSD headquarters on 12 June 2015. Ms. Angela YUEN, Manager – Council Services gave a briefing on the “Guidelines on Safety of Lift Shaft Works” published by the CIC.

## Construction Safety Forum and Award Presentation 2015

The Construction Industry Council joined hands with the Occupational Safety and Health Council (OSHC) and the Labour Department again this year to organise the Construction Safety Forum and Award Presentation 2015 at the Hong Kong Convention and Exhibition Centre on 3 July 2015. Chairman LEE Shing-see of the CIC delivered a speech and presented awards. Ms. Angela YUEN, Manager – Council Services was a member of the judging panel. Besides, Chairman LEE was interviewed by the OSHC on 15 June 2015 which was printed in the *Oriental Daily* on 3 July 2015.





## Society of Registered Safety Officers Annual General Meeting and Safety Seminar

Ms. Angela YUEN, Manager – Council Services gave a presentation on “The Implementation of ‘P’ and ‘N’ Caring Programme and the Safety App” at the Annual Safety Seminar of the Society of Registered Safety Officers, held in conjunction with its 24th Annual General Meeting and Annual Dinner on 3 July 2015.



## Anti-heat stress construction uniform

To alleviate heat stress assailing construction workers working in hot and humid conditions, an anti-heat stress construction uniform developed by the Hong Kong Polytechnic University will be sublicensed by the Construction Industry Council to interested contractors. The CIC's trainees will also wear the new uniform starting September 2015.

## Task Group on Safety of Lorry Mounted Cranes

Task Group on Safety of Lorry Mounted Cranes was formed under the Committee on Construction Safety in June 2015 to work together with relevant industry stakeholders to develop measures to enhance safe operation of lorry mounted cranes. Ms. Ada FUNG, Deputy Director (Development & Construction) of the Housing Department is the chairperson of this Task Group. The terms of reference are confirmed by Committee members at the first Task Group meeting on 2 July 2015, which include identifying gaps in safe operation and areas for improvement, and finding solution and formulating enhancement measures to enhance safe operation in the short, medium, and long term. The next meeting will be held in mid-August 2015 to further discuss the follow up actions.



# Committee on Environment, Innovation and Technology



## Technical Seminar of CIC Building Information Modelling (BIM) Standards (Phase One)

The Construction Industry Council organised a six-day introductory training on the draft CIC Building Information Modelling Standards (Phase One) at the Kowloon Bay Training Centre from June to July 2015.

This seminar carries 3 main themes, namely Building Projects, Civil Projects and Professional Services. The technical seminar attracted professionals from different sectors and disciplines of the construction industry.



## Task Group on Strategy for Management and Reduction of Construction and Demolition Waste in Hong Kong to be established

A Task Group on Strategy for Management and Reduction of Construction and Demolition Waste in Hong Kong is to be formed as a result of the meeting No. 002/15 of the Committee on the Environment, Innovation, and Technology held on 30 April 2015.

The Group aims to study the composition of construction and demolition waste and the implementation strategies for management and reduction of construction waste in Hong Kong. It will work with respective government departments and industry stakeholders. The Task Group's chairperson will be Ir Ringo YU, Construction Industry Council member, and membership invitations have been sent out.



# Committee on Procurement and Subcontracting

## NEC ECC Project Manager Accreditation Programme (Hong Kong) Training Classes

The fourth class of the NEC ECC Project Manager Accreditation programme was held from 6 to 9 July 2015 at ZCB. The class was full thanks to overwhelming demand for NEC3 Engineering and Construction Contracts, or ECC, training. Two more courses will be offered in September and November 2015 respectively. Interested parties may enroll on the NEC UK's website:

[www.neccontract.com/products/training/ecc-project-manager-accreditation-hong-kong](http://www.neccontract.com/products/training/ecc-project-manager-accreditation-hong-kong)



The intensive course was taught by Mr. Tim ROBINSON, an experienced UK-based NEC practitioner. It aims to equip project or construction managers, engineers, and surveyors with necessary knowledge and practical application of the tool. Positive feedback attested to the programme and training material's superior quality. The training was offered under an agreement between the Construction Industry Council and the NEC.



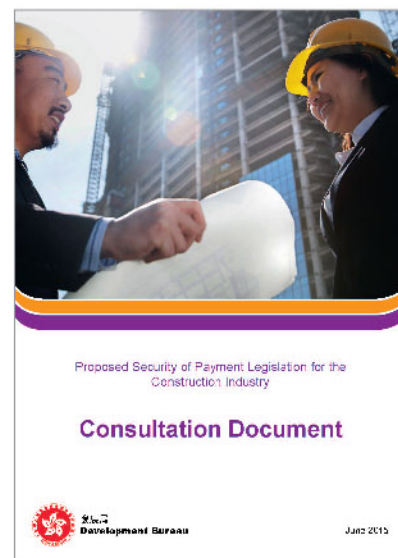
## Animated Video on Bid-Rigging

The urgency to raise industry and public awareness on bid-rigging with the advent of the new *Competition Ordinance* has led the Construction Industry Council to commission the production of a bilingual animated video on the topic. Members of Task Force on Competition Law have given their professional input on the video clip, which will then be submitted to the Committee on Procurement and Subcontracting for endorsement.

## Consultation Paper on Proposed Security of Payment Legislation for the Construction Industry

The Development Bureau issued a consultation paper on the proposed security of payment legislation for the construction industry in June 2015. The Construction Industry Council is gathering views from committee members for a consolidated response to the government on the subject matter. Details of the consultation can be found at Development Bureau's website:

[www.devb.gov.hk/en/publications\\_and\\_press\\_releases/consultation\\_papers/sop/index.html](http://www.devb.gov.hk/en/publications_and_press_releases/consultation_papers/sop/index.html)





# Committee on Productivity and Research

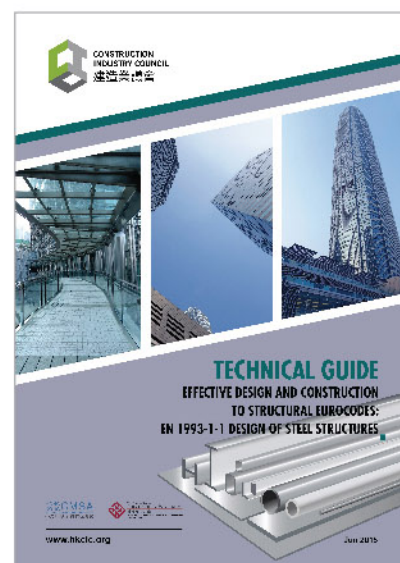


## Materials Science and Technology in Engineering Conference 2015

Ir Julian LEE, Manager – Research, was invited by the Hong Kong Institution of Engineers to give a presentation at the Materials Science and Technology in Engineering Conference 2015 on 25 June 2015. In his presentation, he introduced the concept of smart integration of structural design and low carbon construction materials to maximise the potential of embodied carbon reduction in the construction industry. In a research project currently being studied by the Hong Kong Polytechnic University, the embodied carbon data of two widely used construction materials, namely ready-mixed concrete and structural steel/reinforcing bar, are used to calculate the overall carbon footprint of an optimised building structure. Data of more locally-used materials obtained from the CIC Carbon Labelling Scheme would be applied to enhance the practicability of the study.

## Technical Seminar on Effective Design and Construction to Structural Eurocodes

The first CIC-funded research project, “Adopting Eurocodes by Hong Kong Construction Industry Technical Guide on Effective Design and Construction to European Steel Code” conducted by Prof. K. F. CHUNG of the Hong Kong Polytechnic University has been completed. The Technical Seminar was held on 23 June 2015 at ZCB to disseminate the research results and a technical guide entitled Effective Design and Construction to Structural Eurocodes: EN 1993-1-1 Design of Steel Structures. Near 70 industry stakeholders including steel suppliers, government officials, contractors, consultants, and academics attended the Seminar. It is anticipated that local structural engineers could adopt Structural Eurocodes with Chinese steel materials based on the Technical Guide so as to enhance the efficiency of the structural design process.





## Research Funding Application

In the second round of research funding applications of 2014, four research projects have been awarded as in the following:

- Waistband Enabled Construction Workers Low Back Health Monitoring System
- Application for Polygonal High Strength Concrete-filled Composite Column in Seismic-resistant Buildings in Hong Kong
- A Practical Application of Integrated Micro-Environmental Monitoring System for Construction Sites
- Full-scale Testing and Numerical Analysis of Innovative Measures for Minimising Infiltration and Internal Erosion in Soil Slopes due to Leakage from Pressurised Buried Pipes

Following the call for research proposals announced on 31 March 2015 and closed on 1 June 2015, over 20 proposals were received and are currently being reviewed. The funding support results are expected to be released in November 2015.

# Construction Workers Registration Board

## Update on Senior Workers Registration Numbers

Total Number of Successful Applicants up to July 2015	6,322
Persons Wishing to Apply and in Queue Awaiting Application	4,874

## Promotion of “Senior Workers Registration Arrangement”

The Construction Workers Registration Secretariat has further strengthened its promotional effort to ensure workers are aware of the one-off special registration arrangement for senior workers so that they will be able to continue their skilled works after the implementation of the “designated workers for designated skills” provision in April 2017. Workers with insufficient work experience are encouraged to take trade tests as soon as possible to acquire the recognised qualifications to become registered skilled or semi-skilled workers. Enhanced promotional strategies include:

1. A video advertisement promoting the Senior Workers Registration Arrangement is played on on-board TVs of the 5 railway lines of the MTR system (i.e. East Rail Line, West Rail Line, Ma On Shan Line, Kwun Tong Line and Tseung Kwan O Line) from mid-June to end of July 2015;
2. Large banners are displayed on public works construction sites, the Hong Kong Island entrance of Cross-Harbour Tunnel and the outer walls of community halls and centres; and
3. Radio advertisements in Urdu, Bahasa Indonesia, Hindi, Thai, and Nepali is broadcasted on RTHK and Metro Broadcast from July this year to promote the one-off Senior Workers Registration Arrangement among construction workers of various ethnic backgrounds.
4. A booklet (in its first edition) providing principal contractors, employers of workers and construction workers with details of the “designated workers for designated skills” provision was published in July 2015. The electronic version can be found on [cwr.hkcic.org](http://cwr.hkcic.org).





Large banners promoting the provision of "designated workers for designated skills" are hoisted at the Hong Kong Island entrance of Cross-Harbour Tunnel and the outer walls of community halls and centres



Advertisement promoting Senior Workers Registration Arrangement was broadcast on MTR on-board TV



The booklet on "designated workers for designated skills" provision

## Updates on Construction Workers Registration System (CWRS)

The CWRS pilot test is to be conducted in phases, and the first of which was launched in July 2015 and is expected to conclude in October 2015. Thirteen participating principal contractors tested the new system on 20 construction sites of different types and scales. Various access control systems and functionalities were tested in order to enhance the new system's operability when it is fully operational on Hong Kong's construction sites.

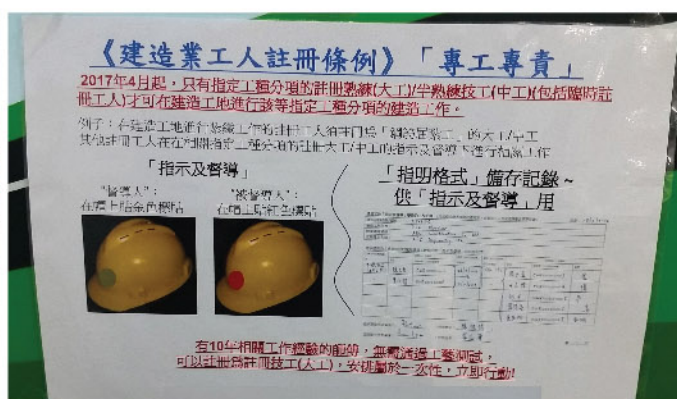


Equipped with new features, the new system and the new workers registration card will provide contractors and workers with a convenient and user-friendly experience

## Trial Programme of Reasonable Measures of “Instruction and Supervision” and “Exempted Works”

The first round of the trial programme of Reasonable Measures for “Instruction and Supervision” and “Exempted Works” on Construction Sites was completed in June. More than 400 workers and over 20 construction sites (encompassing building construction, civil engineering, foundation, alteration and addition, and building demolition works) participated in the trial. Opinions from main contractors, sub-contractors and workers were collected by the CIC staff members in site visits and surveys. In general, the use of stickers and designated form are considered the most convenient and practical to be adopted on construction sites for exempted works and identification of workers carrying out designated-skill works.

Prior to the next round of trial in September and October 2015, a briefing session was organised in August 2015 to share the observations from the first round and to provide revised Reasonable Measures for the industry's reference.



Contractors tested the feasibility of using sticker and designated form as reasonable measures on construction sites



### 2015

## Scholarships for the Family Members of Registered Construction Workers

Apply for the scholarship by 31 August 2015. Details can be found at [cwr.hkcic.org/information/scholarships.asp](http://cwr.hkcic.org/information/scholarships.asp)

**Deadline for Application**  
31 August 2015

Enquiry: 2100 9271 / 2100 9267

## Scholarships for Registered Construction Workers' Family Members 2015

Apply for the scholarship by 31 August 2015. Details can be found at [cwr.hkcic.org/information/scholarships.asp](http://cwr.hkcic.org/information/scholarships.asp)



# ZCB

## ZCB Technical Seminar: Air Movement for Energy-efficient Comfort in Conditioned Spaces

"Air Movement for Energy-efficient Comfort in Conditioned Spaces", a technical seminar was organised by ZCB on 28 July 2015. The speaker was Mr. Jeff KLEIN.



This seminar helped participants learn about HVAC design strategy that pairs elevated air speeds with traditional air conditioning and de-stratifies a large open space in order to achieve energy savings. Besides



reducing carbon footprints, additional design benefits such as minimising ductwork, lowering HVAC costs, improving ventilation rates, and reducing condensation are highlighted.

What is good for the environment can also be good for the pocketbook, and energy efficiency in air conditioning is one such prime example.



## ZCB Won Prestigious International Environmental Award

ZCB has won the National Energy Globe Award Hong Kong 2015, an international environmental award, from the Austria-based Energy Globe Foundation. The award ceremony was held on Friday, 31 July 2015 at ZCB. Mr. Christian H. SCHIERER, Consul, Head of ADVANTAGE AUSTRIA and Regional Trade Commissioner presented the Award to Chairman LEE Shing-see of the Construction Industry Council. The Hon. WONG Kam-sing, Secretary for the Environment, attended as the Guest of Honour.

The Energy Globe is one of today's most important environmental awards with 177 participating countries and annually more than 1,500 project entries. It recognises resource-conservation projects regionally, nationally, and globally. It aims to promote awareness and application of sustainable and innovative environmental solutions.





(From left) Mr. Christian H. SCHIERER, Consul, Head of ADVANTAGE AUSTRIA and Regional Trade Commissioner; Hon. WONG Kam-sing, Secretary for the Environment; Ir LEE Shing-see, Chairman of the Construction Industry Council



(From 4th left to 11th left) Ir Dr. Christopher TO, Executive Director of the CIC; Mr. CHEUNG Hau-wai, CIC Member; Mr. Christian H. SCHIERER, Consul, Head of ADVANTAGE AUSTRIA and Regional Trade Commissioner; Hon. WONG Kam-sing, Secretary for the Environment; Ir LEE Shing-see, Chairman of the CIC; Mr. CHAN Fan, Director of Electrical and Mechanical Services; Ir Colin CHUNG, ZCB Board Member; Dr. LI Guiyi, former Director of ZCB; posed for a photo with representatives of Project Team of building ZCB

## ZCB Participated in the at IETHK The 14th Annual Power Symposium 2015 as an Exhibitor

On 26 June 2015, the Institution of Engineering and Technology Hong Kong organised the 14th Annual Power Symposium at the Kowloon Shangri-La Hotel as a forum for the engineering community to exchange ideas and experiences on the latest developments related to the integration of renewable energy systems with smart grid, energy utilisation in waste management, low carbon electric system, building energy management system, renewable energy applications and various forms of electricity generation and transmission, etc. This year, of particular interest to the Construction Industry Council, the Symposium's theme is "A Global Pursuit for Zero Carbon Building: Challenges and Solutions – The Hong Kong Story" and aims to review the applicability of zero carbon building in Hong Kong. Ir Dr. Christopher TO, Executive Director of the CIC, spoke in the morning session. The CIC showcased a model of its award-winning ZCB and its diverse initiatives to promote green buildings in a display area.



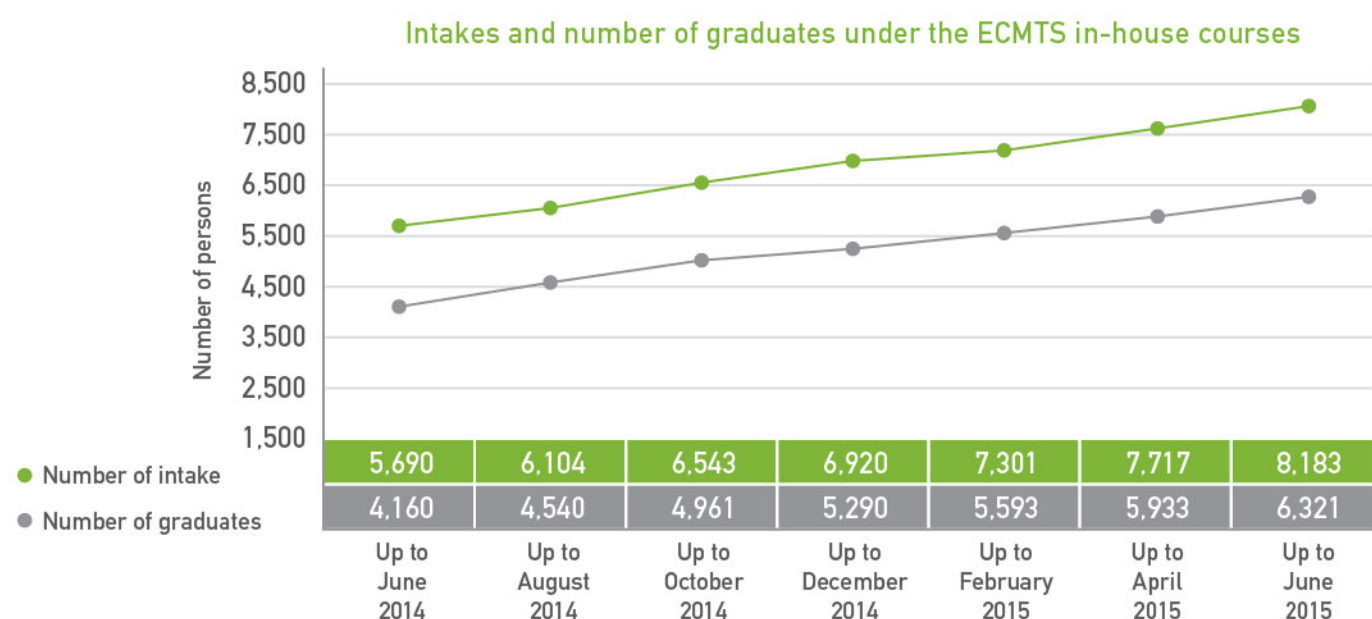


# Construction Industry Training Board

## Training New Blood

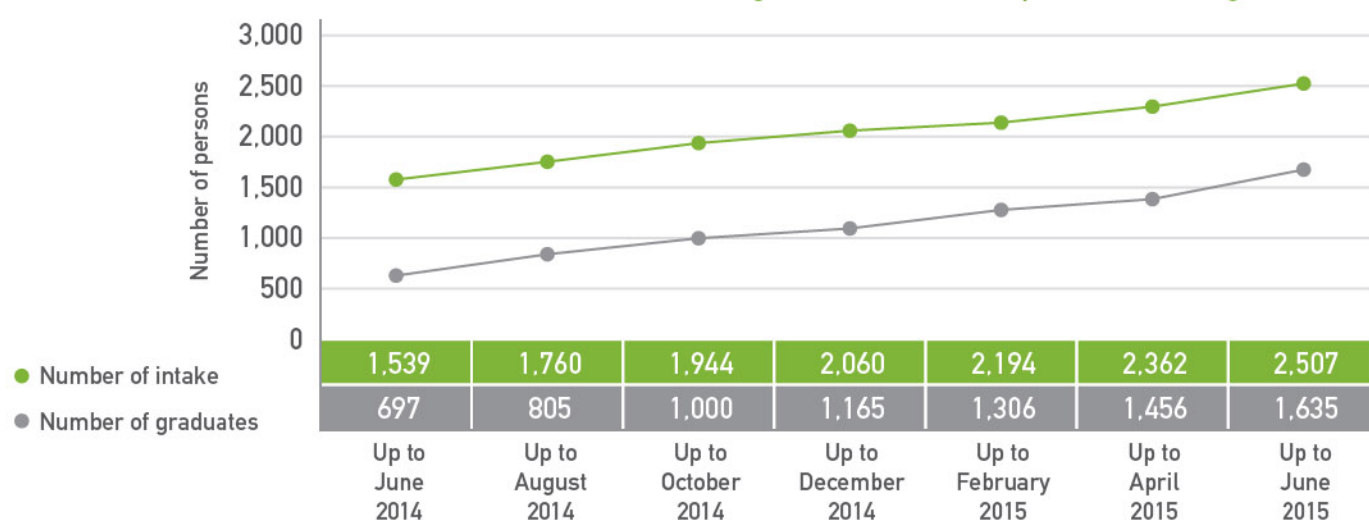
The Construction Industry Council continues to provide the 1-year Basic Craft Courses, Adult Short Courses, Construction Supervisor/Technician Training Programme, in-house courses of Enhanced Construction Manpower Training Scheme (ECMTS), i.e. courses on trades with acute manpower shortage, for the training of new blood for the industry. In the meantime, it also collaborates with principal contractors, sub-contractors, industry associations and trade/labour 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 7,309 as of end May 2015.

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





Intakes and number of graduates under Cooperative Training



Note: Cooperative training schemes includes the 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 May 2015, 435 trainees graduated from the adult short courses while 325 and 392 trainees are undergoing adult short courses and basic craft courses respectively.

## Other Subsidy Schemes for CIC Graduates or their Employers

The Construction Industry Council's Apprenticeship Subsidy Scheme allows the graduates of Basic Craft Courses and Construction Supervisor/Technician Training Programme to stay in the industry and continue to receive proper training through the signing of apprenticeship contracts with their employers. In this scheme, eligible graduates will receive a monthly stipend of \$2,000 for a year and the number of subsidised places available for applications in the years 2015 and 2016 recently approved by the Construction Industry Training Board are 350 in each year.

At the same time, the CIC continues to offer the On-the-Job Training Scheme for employers of graduates of the CIC's cooperative training schemes and the ECMTS. In this Scheme, participating employers will receive a subsidy ranging from \$4,000 to \$6,000 per month for every graduate they employ. By the end of June 2015, 338 trainees are being subsidised to receive on-the-job training. In addition, 6 applications to provide 19 training places are also received and being processed.

## Adult Short Course Graduates for Employment

In the monthly email sent out in early July 2015 to prospective employers for their information, the number of graduates of 22 adult short courses available for employment interview is tabulated below:

Trade	Number of graduates available for interview
Bar-bending and Fixing	100
Metal Works	12
Welding	24
Plumbing and Pipe-fitting in Building Construction	16
Computer Aided Drafting	9
Measurement Technician Assistant	7
Building Construction Supervisor Certificate Course	40
Building Services Supervisor Certificate Course	8
Civil Engineering Supervisor Certificate Course	8
Timber & Aluminium Formwork	95
Metal Formwork and Concreting	17
Surveying and Setting-out	25
Bricklaying and Tiling	30
Bricklaying and Plastering	15
Repair & Maintenance in Building Works	12
Joinery for Building Works	15
Metal Scaffolding (Civil Engineering and Building Construction) (English Class)	15
Mobile Crane Operation	2
Excavator Operation	2
Painting	25
Tower Crane (Erecting, Dismantling, Telescoping and Climbing) Worker's Assistant	7
Bulldozer and Loader Operation	5
<b>Total</b>	<b>489</b>

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

[www.hkcic.org/eng/employer/graduates.aspx](http://www.hkcic.org/eng/employer/graduates.aspx).



## Promotional Campaign for the Amendments of Construction Workers Registration Ordinance

A campaign to promote the enactment of *Construction Workers Registration (Amendment) Ordinance* 2014 in April 2015, the Construction Industry Council has planned a publicity campaign to promote trade tests, the provision for “designated workers for designated skills,” and the arrangement for senior workers registration. The important message is channelled through mainstream broadcast media, onboard multimedia such as Roadshow, short messages sent to registered workers’ mobile devices, posters, and on-site briefings. The Council encourages eligible workers to take trade tests. For details, please refer to the annex.

In tandem with these publicity activities, the CIC has already put in place a number of measures to prepare for the surge in trade testing demand. The incentive scheme to attract prospective applicants to apply early, and to allow the early birds to take the tests after office hours or on weekends, was launched in April 2015. In addition, manpower resources and trade testing facilities have been and will continue to be upgraded to cater for the increase in demand for trade tests.

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

In order to train up semi-skilled workers (who otherwise may need three to four years before attempting the trade tests to become skilled workers) more systematically for a maximum of two years, the Construction Industry Training Board approved the ACMTS Pilot Scheme in March 2015. Several rounds of consultation with stakeholders were held to fine tune the details of the scheme. The new scheme, to be launched on 1 September 2015, comprises the Structured On-the-job training provided by contractors and sub-contractors and the Skills Enhancement Courses provided by trade unions. Twenty-two trades are covered in the Structured On-the-job training, whose length of training ranges from one to two years. Collaborating with four labour unions, sixteen courses will be provided, and the length of training will be 90 hours each.

## Publicity to promote trade tests

Item	Activities	Main message to bring out	Commencement Date
1.	RoadShow Commercials on board a fleet of 1,600 buses	Designated Workers for Designated Skills	From 22 April to mid May 2015
2.	TV Commercials	Senior Workers Registration Arrangement (1st broadcast) Trade Tests (2nd broadcast)	From May 2015 onwards  From August 2015 onwards (to be confirmed)
3.	RoadShow Commercials	Senior Workers Registration Arrangement (1st broadcast) Trade Tests (2nd broadcast)	From June 2015 onwards (to be confirmed) From June 2015 onwards (to be confirmed)
4.	Radio Commercials	Senior Workers Registration Arrangement (1st broadcast) Trade Tests (2nd broadcast)	From May 2015 to March 2017  From August 2015 to March 2017
5.	SMS messages	Subsidies to take trade tests	From May 2015 onwards and by stages
6.	Put up posters in construction sites	Trade Tests	From May 2015 onwards and by stages
7.	Distribution of leaflets at Workers Registration and Renewal Services Points	Trade Tests	From May 2015 onwards and by stages
8.	Distribution of information cards and card holders with QR code at various construction sites	Senior Workers Registration Arrangement and Mobile Apps for Trade Tests	From May 2015 onwards and by stages
9.	Introduction of trade tests at briefing sessions on Designated Workers for Designated Skills	Designated Workers for Designated Skills; Senior Workers Registration Arrangement; and Trade Tests	27 May 2015 19 June 2015 24 July 2015 26 August 2015
10.	Briefings by site engineers during the morning exercises	Designated Workers for Designated Skills; Senior Workers Registration Arrangement; and Trade Tests	From May 2015 onwards
11.	Submit applications through main contractors	Applications made through the main contractor of public works projects for Senior Workers Registration Arrangement and Trade Tests	From May 2015 onwards
12.	Outreach Programme	Joint site visits by staff of Trade Testing Centre and Construction Workers Registration Office	From February 2015 onwards



# 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](http://www.hkcic.org/eng/info/publication.aspx?langType=1033&id=4458)

### CONSTRUCTION INDUSTRY COUNCIL

#### 建造業議會

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