

CIC SNAPSHOTS

As part of its commitment to 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.

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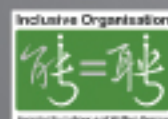
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Committee on Construction Safety

Safety Alert No. 003/15 on Traffic Safety on Construction Sites Published

The CIC published *Safety Alert No. 003/15 - Traffic Safety on Construction Sites* on 31 December 2015, encouraging stakeholders to develop a comprehensive construction site traffic management plan to promote safety.



Benchmarking Study on Infrastructure Projects Safety in Japan

CIC delegation, including Mr. CHEUNG Hau-wai, Former Chairman of Committee on Construction Safety (Com-CSY), Mr. CHOW Luen-kiu, Former Member of Com-CSY, Mr. Ivan KO, Senior Manager – Training & Development, Mr. CHEUNG Siu-kau, Lecturer and Ms. Sally LEUNG, Manager – Council Services, participated in the Benchmarking Study on Infrastructure Projects Safety in Japan, which was co-organised by the Occupational Safety and Health Council (OSHC), Japan Industrial Safety and Health Association (JISHA) and Japan Construction Occupational Safety and Health Association (JCOSHA) from 6 to 12 December 2015.

The Study comprised both theoretical and practical aspects in construction safety and health, coupled with risk assessment, pointing and calling system and safety management system. Besides, two construction sites' good practices were appreciated.





Safety Experience Sharing and Farewell Dinner of Mr. CHEUNG Hau-wai

Mr. Victor WONG, Senior Manager – Training & Development, Ms. Angela YUEN and Ms. Sally LEUNG, Managers – Council Services were invited to attend the “Safety Experience Sharing and Farewell Dinner of Mr. CHEUNG Hau-wai” organised by the Hong Kong Federation of Occupational Safety and Health Associations on 3 February 2016. Mr. CHEUNG Hau-wai, Former Chairman of Com-CSY, shared his valuable experience about the safety development in Hong Kong, memorable moments as chairman of Com-CSY for six years and challenges forward.



Good Housekeeping Forum and Award Presentation 2015-16

On 5 January 2016, Ir LEE Shing-see, Former Chairman of the CIC was invited to deliver the opening remarks and present awards in the Good Housekeeping Forum and Award Presentation 2015-16 organised by the Occupational Safety and Health Council and co-organised by the CIC.



Opening Ceremony of Modern Training Site at Tai Po Training Ground

In order to inspire safety awareness in the construction industry, CIC decided to build up a model training ground in Tai Po. A 14-month training ground enhancement project has been launched since October 2014. A grand opening ceremony of modern training site was held on 23 December 2015.



Training Ground General Information

- Site Area: approximate 36,100m²
- Adjacent Land Use: Residential / Educational / Industrial
- Target Group: Trade Test and Training
- Required Duration: Trade Test (1 day) / Training (1 day to 4 months)
- Capacity: maximum 288 persons





There are several critical concerns in enhancement project:

- Health and Environment
- Safety Concern
- User Perspective
- Manpower Requirement
- Visual Impact
- Security and Crowd Control
- Resource Utilisation



In order to tackle those critical concerns, CIC has employed various concepts and ideas in this project.

- **Colour-coding and a Smart Access System catering to different needs** - Different classes of facility users (staff, trainees, trade test candidates and visitors) will be identified by colour-coded safety helmets and a smart access card system to enhance security and logistics and to deliver better service.
- **Zoning and Vehicle Pedestrian Separation for Safety and Better Access** - Twenty-nine outdoor Training / Trade Test workshops are grouped into four zones to provide better access and control. To improve safety, vehicle pedestrian separation, water barrier fencing, designated single workshop entrance and wayfinding system are also provided.
- **Resource Rationalisation** - Maximise the existing resource allocation by having an established system in place: better planning and time table rescheduling to improve efficiency, and modification of existing classrooms and provision of multi-function mobile shelter to improve flexibility.
- **Improved User Experience** - New changing rooms with smart locker system for the trainees and trade test candidates to look and feel great; upgraded modular facility to house safety helmet storage rack, drinking facility, mist fans, and basic teaching facilities; and a new digital signage showing weather and other useful information.
- **Modular Design and Intelligent Facilities** - Modular facilities (water barrier and multi-function mobile shelter) can be reconfigured to meet changing needs in the future. Multi-function student ID card, as an intelligent system, can also serve as access and locker key card.
- **Central Storage and Internal Transport** - Two central storage facilities are provided for both Training and Trade Testing Department to improve operational efficiency and electric tow tractor are used for internal transport to enhance housekeeping and security.



According to the ideas and concepts, various upgrading items have been implemented at Tai Po Training Ground.

• **Designated Zoning, Wayfinding System and Road Marking**

• **Tailor-made Water Barriers with following features:**

- Minimise visual impact to the neighborhood
- Barrier Panel act as dust protection for pedestrians
- Display course details at the workshop entrance

• **Provide guidance to specific training / trade test location:**

- Zoning to designate Training and Trade Test areas
- Zoning map and main directory
- Road-marking signage
- Wayfinding directory



• **Multi-function Mobile Shelter**

- Shelter for inclement weather
- Water filtering system and mist fans
- Storage rack for helmet, water bottles and towel
- Hydraulic driven – to minimise manual handling
- Double up as basic teaching facility – to alleviate demand during peak periods



• **Entrance Portal Modification**

• **Modified entrance portal with new elements including:**

- Electronic Turnstile System
- Retractable Gate
- Guard Room





- **Provide Digital Signage Panel to display**

- Daily training / Trade Test schedule
- Weather Information
- RSS News Feed
- Information related to CIC



- **New Changing Rooms and Smart Lockers**

- **Changing Room**

- Improved welfare facility for Trainees / Trade Test Candidates
- Improved hygiene and housekeeping
- Maximise the utilisation of the existing classrooms

- **Smart Lockers**

- Operated by student card / access card
- User friendly operation and daily management



- **Central Storage and Internal Transport**

- **Central Storage**

- Standardised and systematic storage solution
- Organised and categorised storage protocol



- **Internal Transport**

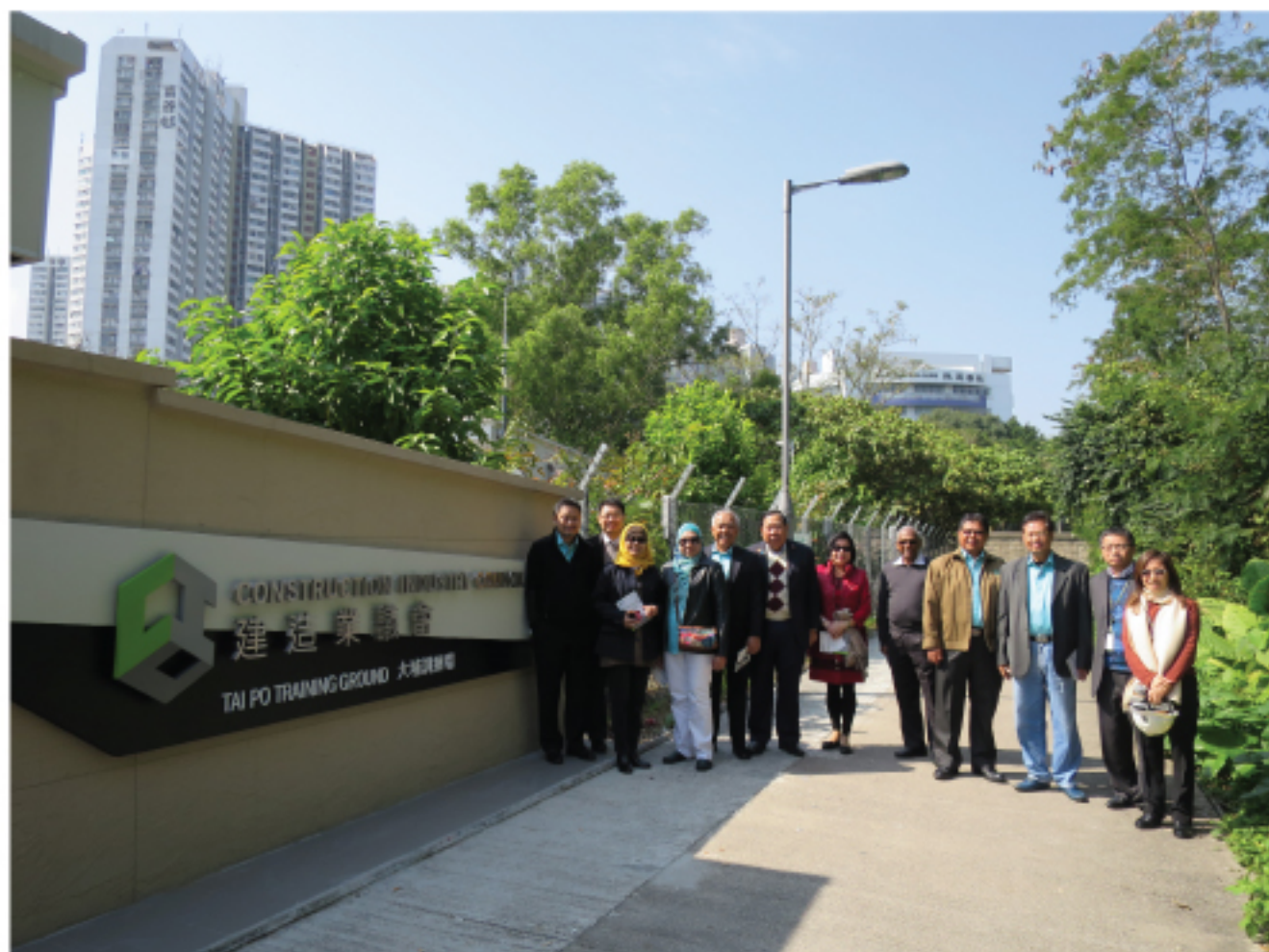
- Run on electricity - environmental friendly
- Speed restriction feature - safety consideration
- Small turning radius - u-turns without reversing
- Reducing manual handling - occupational safety consideration



Stakeholder relations

Welcomed Delegation from Construction Industry Development Board Malaysia

On 4 February 2016, a delegation from the Construction Industry Development Board Malaysia visited the CIC Tai Po Training Ground (Training Ground). Ms. Angela YUEN, Manager – Council Services briefed the delegates on the “Safety Promotion to Different Stakeholders in Construction Industry”. Mr. CHU Yin-lin, Senior Manager – Training & Development and Mr. Ted WU, Assistant Manager – Council Services, also gave a presentation on the Training Ground and its enhancement works respectively. The delegates also toured around the Training Ground on that day.



RMAA Safety Seminar

Ms. Angela YUEN, Manager – Council Services attended RMAA Safety Seminar co-organised by the CIC, the Labour Department, the Occupational Safety and Health Council and thirteen other organisations on 13 January 2016.

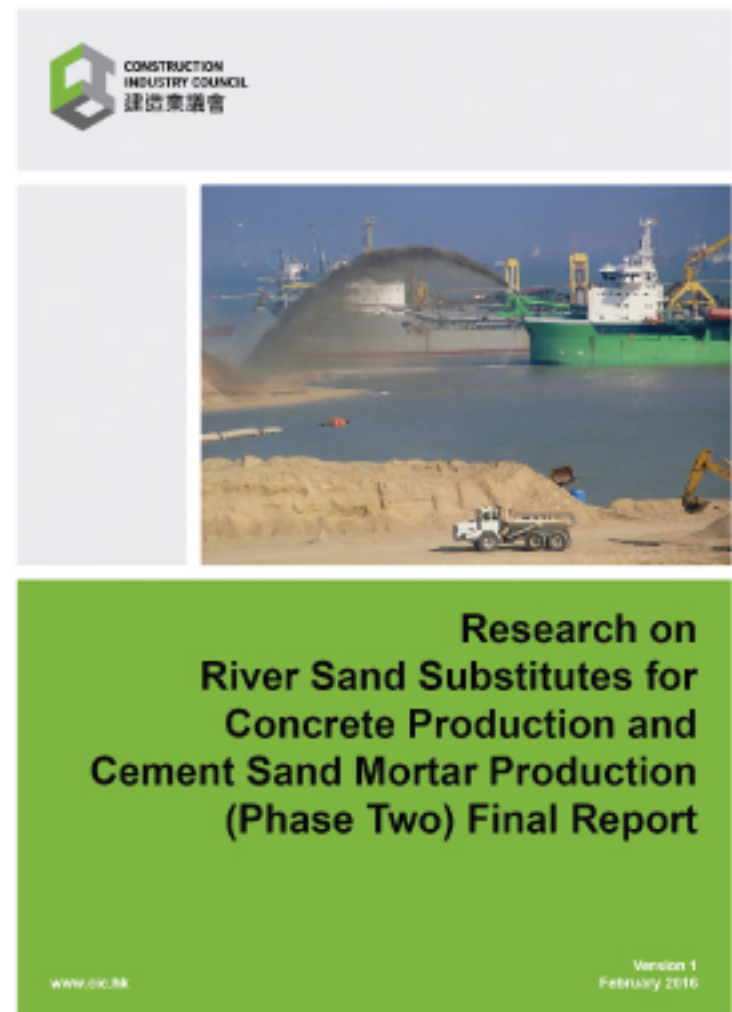




Committee on Environment, Innovation and Technology

Research on River Sand Substitutes for Concrete Production and Cement Sand Mortar Production (Phase Two) Final Report Published

Subsequent to the completion of *Research on River Sand Substitutes for Concrete Production and Cement Sand Mortar Production (Phase One) Final Report*, the University of Hong Kong was appointed to take up the Phase Two Research. The *(Phase Two) Final Report* was approved by the Council on 26 February 2016 and will be published on the CIC website in March 2016.



Consultancy Services for the Survey on the Potential Utilisation of Prefabrication Yard in Hong Kong

The tender of the Consultancy Services for the Survey on the Potential Utilisation of Prefabrication Yard in Hong Kong has commenced. Tender will target to be awarded in March 2016.

Consultancy Services on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong

Members of the Task Group on Strategy for Management and Reduction of Construction & Demolition (C&D) Waste in Hong Kong endorsed the appointment of a consultancy to conduct a study to define and formulate a strategy for management and reduction of C&D waste in Hong Kong. The tender of the Consultancy Services has commenced. Tender will target to be awarded in March 2016.

Preparation of BIM Standards for GBP Submission

To promote the Building Information Modelling (BIM) technology as a tool for General Building Plans (GBP) Submission, the CIC had engaged a consultant to commission a consultancy study for the preparation of BIM Standard (Phase One) to facilitate the submissions of GBP to the Statutory Authorities and the Concerned Department. The study is expected to be completed in the fourth quarter of 2016.

In 2016, the consultant will consult stakeholders to ensure the whole process to be fully understood by the industry.

Committee on Procurement and Subcontracting

Technical Seminar on Topics of Construction Procurement

Various Task Forces were established under the Committee on Procurement and Subcontracting to work on the many issues concerning procurement and subcontracting in the construction industry. Among which, the Task Force on Employer-Procured Insurance Programme, the Task Group on Selection of Consultant, and the Task Force on Competition Law jointly conducted a technical seminar on their respective subject matter on 27 November 2015. The seminar was well attended by industry stakeholders and the speakers gave insightful presentations on the topics of their respective field of expertise.

The seminar kicked off with a presentation on the benefits of opting for employer-procured insurance programme in construction projects by Mr. Adrian KING, Member of the Task Force on Employer Procured Insurance Policies of the CIC. Mr. Richard HO, Member of the Task Group on Selection of Consultants of the CIC, then gave a thorough presentation on the considerations when selecting consultants for a construction project, he also shared some practical experience on the strategy used from previous projects. Finally, Mr. James WILKINSON, Senior Associate of King & Wood Mallesons, wrapped up the seminar with a presentation on the newly enacted Competition Ordinance, this was of particular interest to many industry stakeholders as it directly affected their businesses and operations.

The seminar was well received and the CIC would organise other technical seminars in the future on topics that are prevalent and relevant to the construction industry.





Committee on Productivity and Research

CIC Innovation Award 2015

The CIC Innovation Award 2015 Presentation Ceremony was successfully held on 15 December 2015 at the Government House. The Honourable C Y LEUNG, Chief Executive of the HKSAR, addressed the guests in his keynote speech followed by the announcement of the Grand Prizes. Other awards were presented by Mr. Paul CHAN, Secretary for Development, Ir LEE Shing-see, Former Chairman of the CIC, Ir Kevin POOLE and Ir Prof. Christopher LEUNG, Chairman and Vice-chairman of the Judging Panel respectively. Judges not only shared their experience and views on construction innovations, but also their excitement of being part of the Award to have witnessed the accomplishment of both the international and local construction elites.



International Grand Prize Awardee



Local Grand Prize Awardee

Details of the awarded projects are as follows:

International Grand Prize	Bendable Concrete <i>Prof. Victor LI, University of Michigan, USA</i>
Local Grand Prize	Anti-heat Stress Clothing for Construction Workers in Hot and Humid Weather <i>Prof. Albert CHAN, The Hong Kong Polytechnic University</i>
First Prize of Local Industry Practitioners	Mechanized Construction <i>Mr. James Edward Ted LAWTON, Gammon Construction Ltd.</i>
Second Prize of Local Industry Practitioners	Development of City Air Purification System <i>Mr. David NG, Sino Green in Hong Kong Ltd.</i> <i>Mr. Vincent CHENG, Ove Arup & Partners HK Ltd.</i>
First Prize of Local Academia	Z-Panel System - Lightweight Prefabrication <i>Mr. LAU Hing-ching, The Chinese University of Hong Kong</i>
Second Prize of Local Academia	Carbon Neutral Construction Products Manufactured with Cement and Concrete Wastes <i>Prof. POON Chi-sun, The Hong Kong Polytechnic University</i>
Young Innovator for Local Industry Practitioners	Innovative Use of Polymer Solutions for the Construction of Diaphragm Walls <i>Dr. Carlos LAM, Civil Engineering and Development Department, HKSAR</i>
Young Innovator for Local Academia	i-Core: Giving Construction a "Heart" <i>Ms. NIU Yuhan, The University of Hong Kong</i>

More details of the CIC Innovation Award can be found at the website <http://cicinovationaward2015.hkcic.org>

Research Funding Application

CIC encourages research activities and the use of innovative techniques that are directly related to the needs of the construction industry, and promotes the establishment of standards for the industry. Research Institutes will be invited for applying the CIC Research Fund twice each year, in March and September respectively. In addition, CIC from time-to-time identifies the needs of the construction industry and initiates research projects through inviting appropriate service providers to conduct the research.

In the first round of research funding applications of 2015, two research projects have been awarded as follows:

- Practical Guidelines for Seismic Design and Rating of Bridges in Hong Kong
- Thermoelectric Cooling for the Construction of Solid-state Air Conditioner in the Lift

Following the call for research proposals closed on 31 December 2015, over 25 proposals were received and are currently being reviewed. The funding support results are expected to be released in April 2016.



Construction Workers Registration Board

Update on Senior Worker Registration Numbers through Senior Workers Registration Arrangement

Total Number of Successful Applicants (Up to February 2016)	20,944
Persons Wishing to Apply and in Queue awaiting to apply	4,700

The Senior Workers Registration Arrangement will close on 30 September 2016. Workers with at least 10 years' skilled work experience are strongly advised to register as skilled workers in the remaining period. Direct employers can submit workers' applications in a batch to Workers Registration Office. Please call 2873 3002 to arrange for the one-stop registration service.

Briefing Sessions and Workshops on “Designated Workers for Designated Skills” Provision in 2016

Workshops on “Designated Workers for Designated Skills” (Cantonese) Target Participants: Subcontractors registered under Subcontractors Registration Scheme			
Date	Time	Venue	Content
26/02/2016	15:30 – 17:00	Construction Industry Resource Centre, 44 Tai Yip Street, Kowloon Bay	• Key amendments to CWRO
18/03/2016			• Designated Workers for Designated Skills” Provision
04/04/2016			• Senior Workers Registration Arrangement
29/04/2016			• Exempted arrangement – “instruction & supervision” and “emergency & small scale construction work”

Briefing sessions on “Designated Workers for Designated Skills” (Cantonese)
Target Participants: All Industry Stakeholders

Workshops on “Designated Workers for Designated Skills” (Cantonese)			
Target Participants: Subcontractors registered under Subcontractors Registration Scheme			
Date	Time	Venue	Content
22/04/2016	15:30 – 17:00	Construction Industry Resource Centre, 44 Tai Yip Street, Kowloon Bay	• Key amendments to CWRO
09/05/2016			• Designated Workers for Designated Skills” Provision
22/07/2016			• Senior Workers Registration Arrangement
			• Exempted arrangement – “instruction & supervision” and “emergency & small scale construction work”

For registration or enquiry, please contact Ms. HO, Workers Registration Secretariat at 2100 9267.

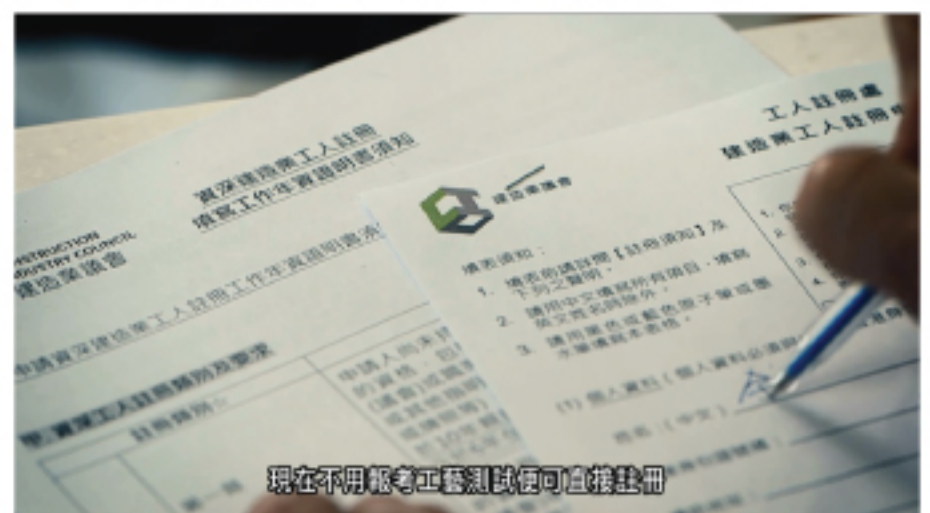
New Promotional Strategy of “Designated Workers for Designated Skills” under CWRO



Billboards promoting “designated workers for designated skills” provision have been hoisted in the bustling areas of Mongkok and Kwun Tong



是資深工人



現在不用報考工藝測試便可直接註冊

A new series of advertisements promoting Senior Workers Registration Arrangement are aired on TV and radio broadcast stations



Trial Run Inspections for Implementation of “Designated Workers for Designated Skills”

To prepare for the implementation of “designated workers for designated skills” provision, the inspection team conducted the trial run inspections with a view to studying the awareness and readiness of the industry in getting prepared for observing the “designated workers for designated skills” provision as well as collecting data for further refinement of the proposed Codes of Practice.

By the end of 2015, the inspection team has conducted 50 trial run inspections at construction sites of various work types and more than 1,500 workers were inspected to see whether the workers have registered under the relevant trade divisions, understand the arrangement of “Instruction and Supervision” on site and the ratio of the “Instructor” to “Workers under Instruction & Supervision”.

Contractors are welcome to participate in the trial to provide valuable data for drafting the relevant Codes of Practice and the implementation of the “designated workers for designated skills”. For details, please contact the Workers Registration Secretariat at 2100 9266.

Update on the Development of the Construction Workers Registration System (CWRS)

The first phase of CWRS installation was commenced in December 2015 at construction sites without using biometric site access authentication system. Contractors with existing contracts can apply for data migration and use the new registration system to collect and submit workers’ daily attendance records (DAR). A series of briefing sessions have been organised on a weekly basis at the Construction Industry Resource Centre to explain and demonstrate the basic operation and innovative features of CWRS.

To learn more about CWRS, please visit cwr.hkcic.org/information/System.asp.

For registration or enquiry, please contact Ms. HO, Workers Registration Secretariat at 2100 9267.

Upcoming Briefing Sessions on CWRS

Date	Time	Venue
26/02/2016	09:00	Construction Industry Resource Centre, 44 Tai Yip Street, Kowloon Bay
01/03/2016	14:30	
08/03/2016	09:00	
15/03/2016		
22/03/2016		
31/03/2016		



Briefing Session on CWRS

ZCB

ZCB · Low Carbon Live Music Performance

“ZCB · Low Carbon Live Music Performance” acts as a way to encourage low carbon living with music in a soothing and refreshing atmosphere where people can understand more about low carbon living from a different perspective. Apart from this, we hope that low carbon music can harmonise the diverse community in Hong Kong.

Thus, ZCB is proud to announce that a group of upcoming young local artists will be singing and playing musical instrument live every Friday at lunch time.

For more details and performance time table, please stay tuned at ZCB Facebook Fanpage:

www.facebook.com/CICZCB





The volume 4 of the Zero Carbon Building Journal was published

The fourth issue of the *Zero Carbon Building Journal* was published in December 2015 . The theme of the Journal is “Strategies for zero carbon”. The Journal can be viewed online at the ZCB website <http://zcb.hkcic.org>.



Completion work of Energy Efficient Eco-lighting

Thanks to generous sponsor of Guangzhou Hailin Electronic Technology Co. Ltd., the installation work of Energy Efficient Eco-lighting installed on the roof, eaves on the south façade and landscape area was completed.



Visit of Mr. Xie Zhenhua - Former Vice-Minister of the National Development and Reform Commission to ZCB

ZCB is honoured to welcome Mr. XIE Zhenhua and his co-workers to ZCB on 25 February 2016. Mr. XIE is the appointed representative from China on Climate Change whom had participated in the recent COP21 in Paris.

Mr. CHEUNG Hau-wai, Chairman of Zero Carbon Building (left), posed for a photo with Mr. XIE Zhenhua



Construction Industry Training Board

Updates Of Manpower Situation Including CICMF Report

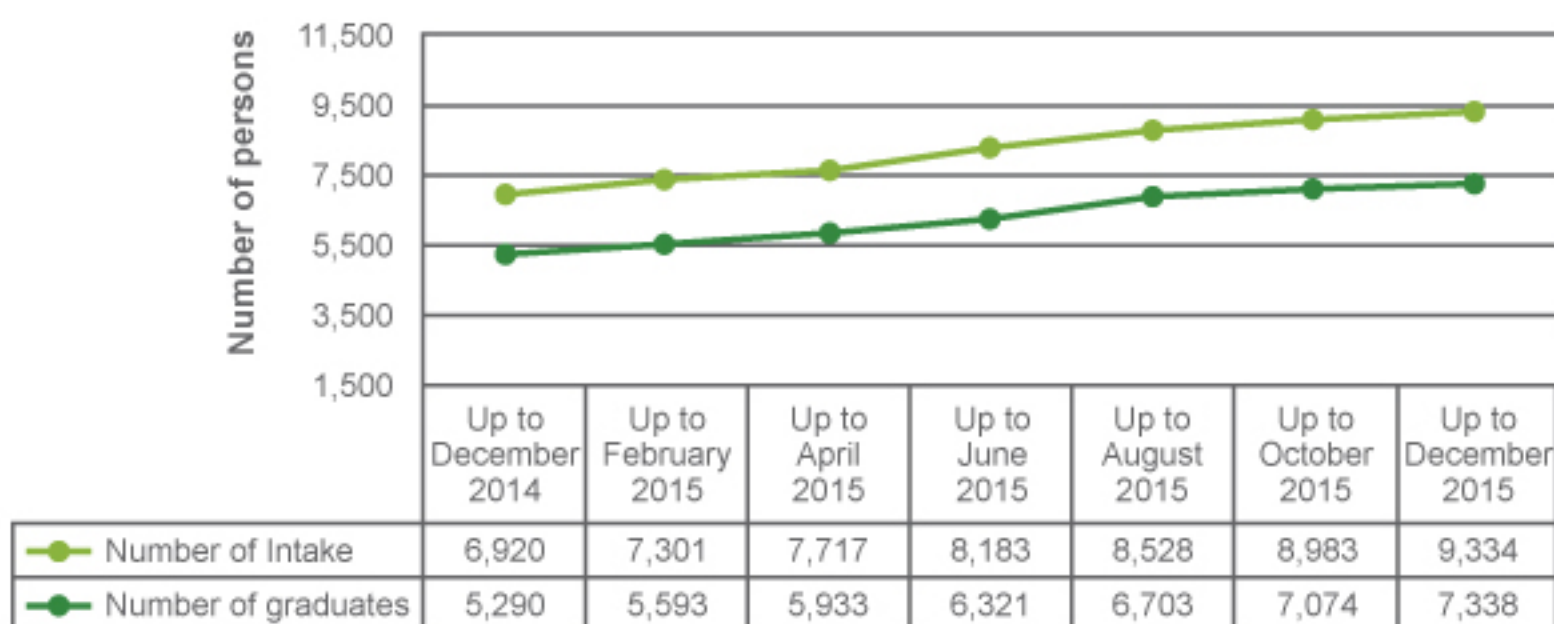
The 2015 update of the Construction Industry Council Manpower Forecast (CICMF) Model on construction workers was endorsed by the Construction Industry Training Board and approved by the Council in November and December 2015 respectively. The report has been published on the CIC website for public information (<http://www.cic.hk/eng/main/aboutcic/publications/report>). The projected shortage of tradesmen is about 10,000 – 15,000 (in the unit of man-year) from 2016 to 2020.

Training Initiatives For Workers

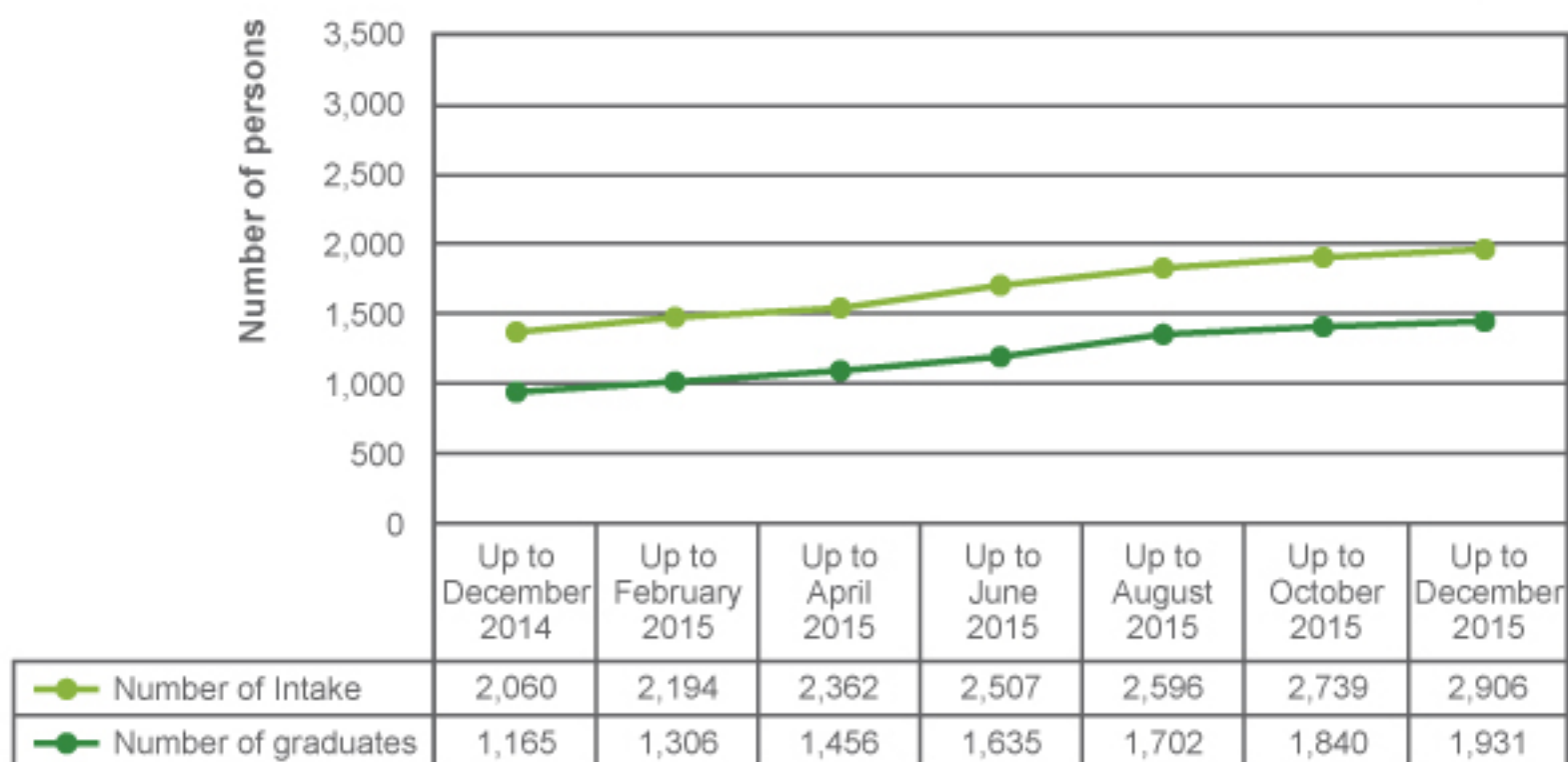
CIC continues to provide the 1-year Basic Craft Courses (BCC), Adult Short Courses, in-house courses of Enhanced Construction Manpower Training Scheme (ECMTS), i.e. courses on trades with manpower shortage, for the training of workers for the construction industry in addition to the provision of Construction Supervisor/Technician Training Programme (CST) and Enhanced Construction Supervisor/Technician Training Scheme (ECSTS) for the training of supervisors and technicians. Furthermore, it also collaborates with main contractors, subcontractors, industry associations and trade/labour unions to provide various cooperative training schemes.

For the year 2015, a total of 390, 1,118, 2,048 trainees graduated respectively from the BCC, Adult Short Courses and ECMTS while 766 completed the training of the cooperative training schemes. The cumulative training figures of ECMTS in-house courses and cooperative training schemes as of end 2015 are tabulated below:

Intake and Number of Graduates under the ECMTS inhouse courses



Intake and Number of Graduates under cooperative training



Note: Collaborative 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

Adult Short Course Graduates For Employment

In the monthly email sent out in early February 2016 to prospective employers, the number of graduates of 24 Adult Short Courses available for interview for employment is set out below:

Trades	Number of graduates available for interview
Welding	15
Metal Works	15
Painting	40
Curtain Wall and Aluminium Window Installation	10
Metal Scaffolding (Civil Engineering and Building Construction)	15
Computer Aided Drafting	10
Measurement Technician Assistant	6
Building Construction Supervisor Certificate Course	5
Building Services Supervisor Certificate Course	30
Civil Engineering Supervisor Certificate Course	22
Excavator Operation	12
Tower Crane Operation	5
Bulldozer and Loader Operation	10
Wheeled Telescopic Mobile Crane Operation	4
Bar-bending and Fixing	140
Surveying and Setting-out	20
Site Surveying	5
Timber & Aluminium Formwork	50
Bricklaying and Plastering	15
Bricklaying and Tiling	5
Repair & Maintenance in Building Works	10
Joinery for Building Works	15
Metal Formwork and Concreting	10
Plumbing and Pipe-fitting in Building Construction	20
Total	489

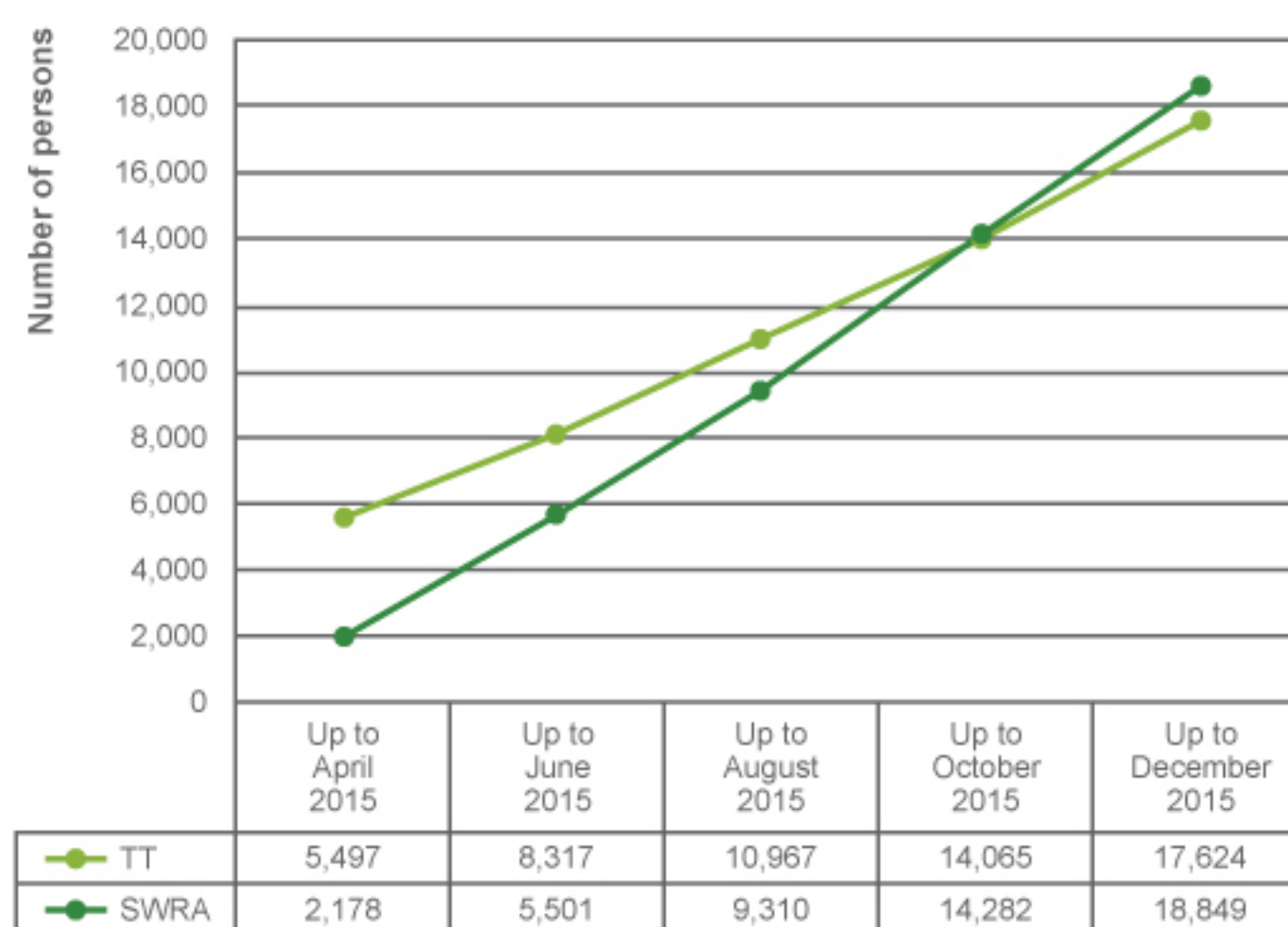
For more information on the employment of our graduates, please visit the CIC's website:

http://www.cic.hk/eng/main/placement/_employers_area/employment_of_graduates_p/

Applications For Trade Tests Subsequent To The Enactment Of Construction Workers Registration (Amendment) Ordinance

In the past nine months, CIC introduced numerous publicity activities to help promote trade tests and spread the messages of the provision of “designated workers for designated skills” and the arrangement of “senior workers registration” to tie in with the enactment of *Construction Workers Registration (Amendment) Ordinance* in April 2015. After pressing ahead at full steam, the respective number of applications for trade tests and senior workers registration arrangement are on track and demonstrated a constantly rising trend. The cumulative number of applications for trade tests (TT) and senior workers registration arrangement (SWRA) as of end 2015 are tabulated below:

Applications for Trade Tests and Senior Workers Registration Arrangement after the enactment of CWRO (Amendment) 2014



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

Since the launch of the aforesaid Scheme comprising “Structured On-the-Job” training in form of collaborative training provided by contractors and subcontractors and “Skills Enhancement Courses” conducted by labour unions to train skilled workers for the industry in September 2015, a total of 205 applications and 90 applications have been received respectively as at 31 December 2015.

Basic Appreciation Course On The Safe Use of Cranes For Frontline Supervisors

In view of the frequent occurrence of crane-related accidents in recent years, Construction Industry Training Board agreed to the introduction of an elementary safety awareness course for frontline supervisory staff to enhance the management and safe operation of cranes on sites. The 1-day part-time day-release course will be introduced in March 2016 at CIC Tai Po Training Ground and the course fee is set at \$450.



CIC's Publications

Alerts

• Safety Alert No. 003/15 Traffic Safety on Construction Sites (December 2015)
• Safety Alert No.002/15 – Safety of Lorry-mounted Cranes (October 2015)
• 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

- Project Client Summit: Development of BIM Implementation Strategies Summit Report for Project Clients from Government Sector (November 2015)
- Project Client Summit: Development of BIM Implementation Strategies Summit Report for Project Clients from Private Sector (November 2015)
- Project Client Summit: Development of BIM Implementation Strategies Summit Report for Project Clients from Public Sector (November 2015)
- Reference Materials - Frequently Asked Questions on Competition Law for the Construction Industry (Version 1 - November 2015)
- Reference Materials - Competition Law for the Construction Industry: Dos and Don'ts (Version 1 - November 2015)
- Reference Materials - Competition Law Case Analysis for the Construction Industry (Version 1 - November 2015)
- Building Information Modelling Standards (Phase One) (September 2015)
- Reference Materials - Frequently Asked Questions on NEC3 Collaborative Contracts (Version 1 - September 2015)
- Reference Materials for Application of Dispute Resolution in Construction Contracts (Version 2 - August 2015)
- Reference Materials on the Selection of Consultants (November 2014)
- Roadmap for Building Information Modelling Strategic Implementation in Hong Kong's Construction Industry (September 2014)

Reports

- Report of CIC Manpower Forecasting Model 2015(Workers) (December 2015)
- 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)



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