

# 安全工地作業之關愛文化

## 推動高處安全作業及安全創新

房屋署副署長（發展及建築）  
楊光艷女士獻辭

3-7-2019

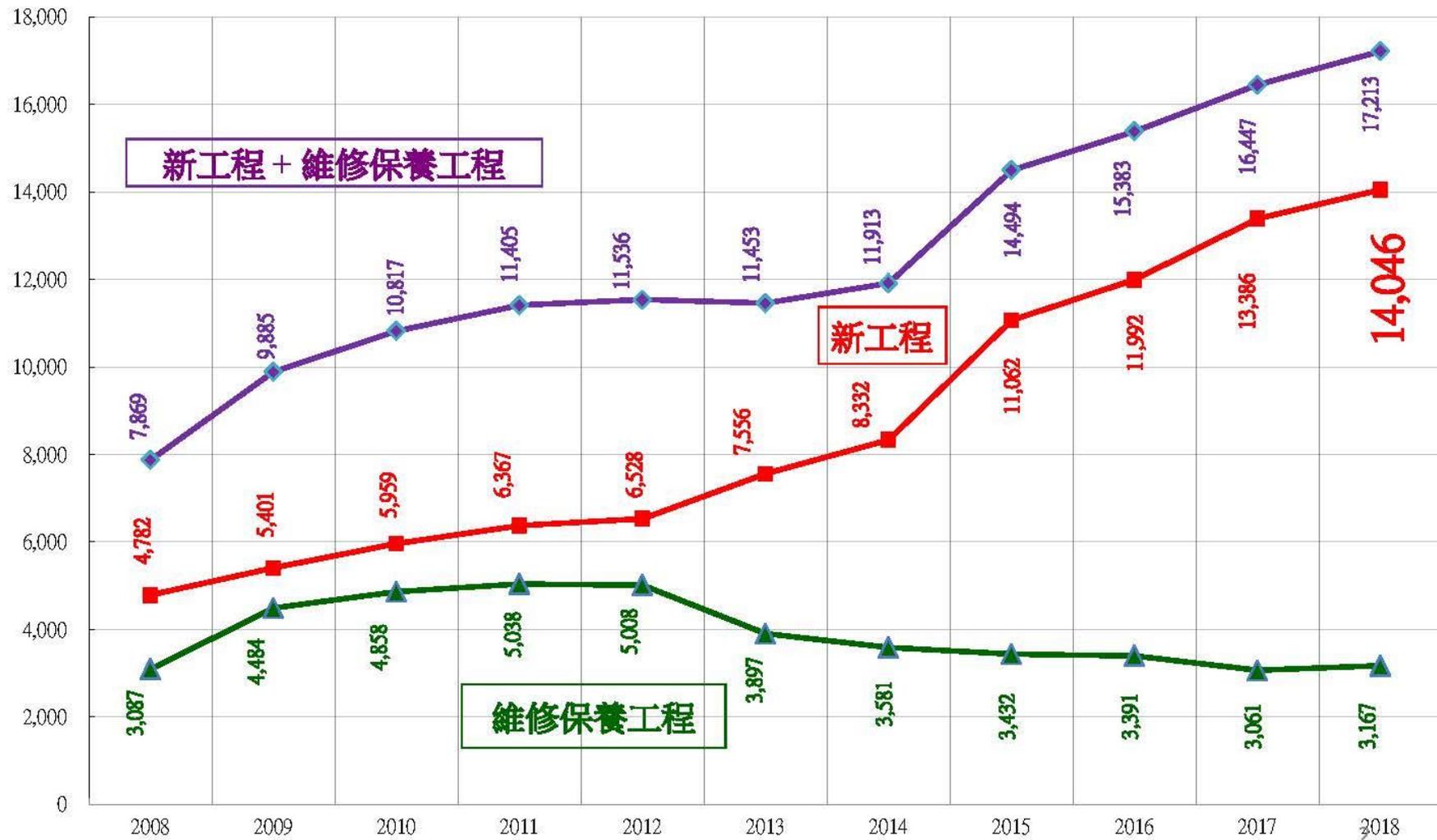


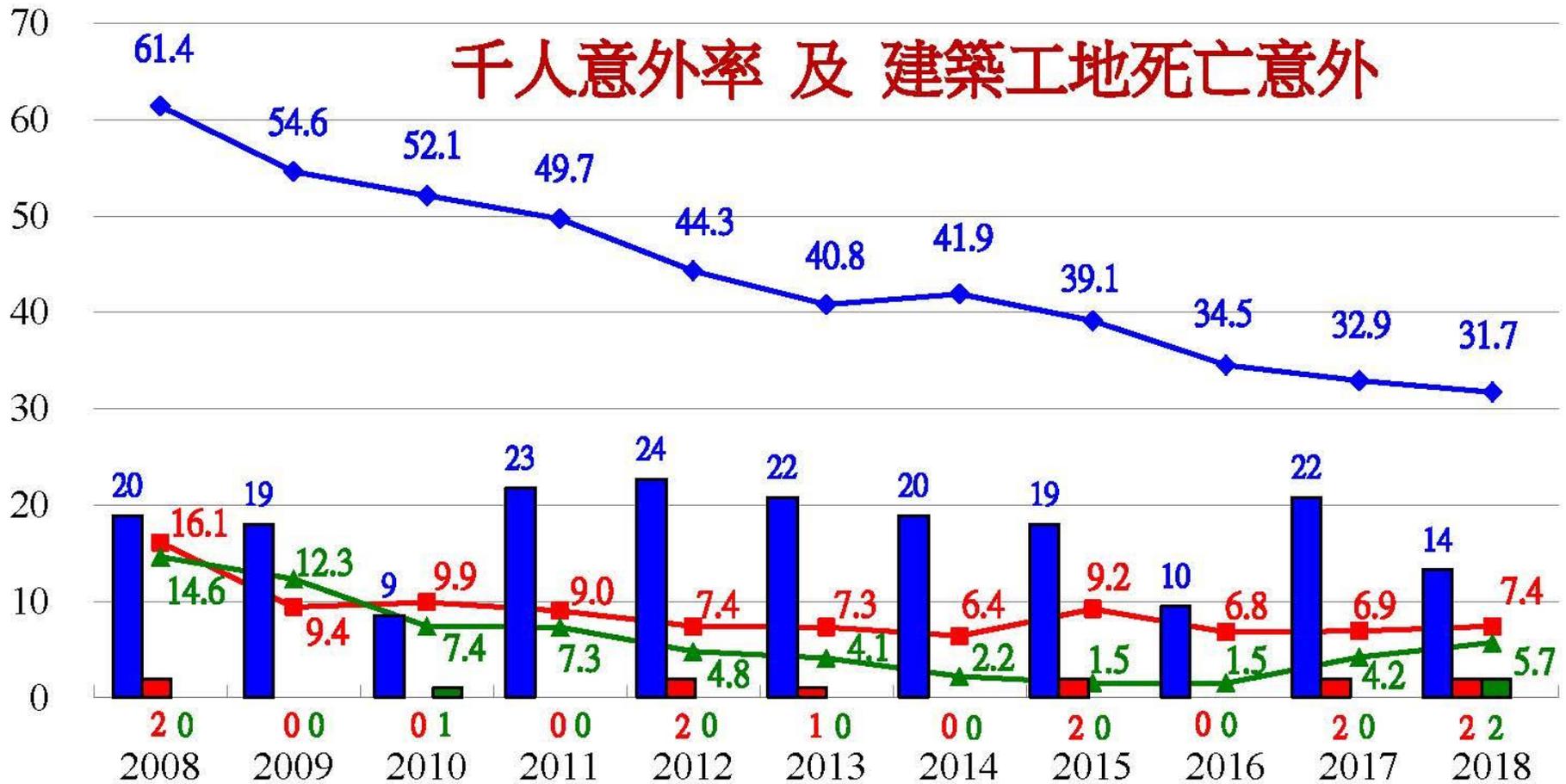


# 工程和物業管理 安全研討會 2019

Safety Forum 2019 for Works Contracts and Property Services Contracts

## 香港房屋委員會工程工人數目 (2008 - 2018)





資料來源：勞工處、政府統計處及房委會工地報告

◆ 香港建造業    ■ 房委會新工程    ▲ 房委會維修保養工程  
■ 香港建造業    ■ 房委會新工程    ■ 房委會維修保養工程



# 工程和物業管理 安全研討會 2019

Safety Forum 2019 for Works Contracts and Property Services Contracts

## • 高處安全作業

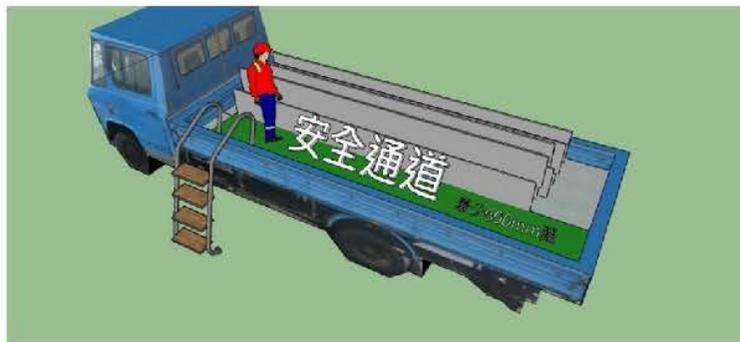
- 召開工作坊
- 與工程承建商檢討及加強安全措施
- 避免
  - 貨車物料搬運過程中墮下
  - 跌進樓面孔洞





## • 高處安全作業

- 舉辦研討會
- 與勞工處、職安局、建造業議會、承建商會及工會持份者檢討安全措施
- 建造業議會編制高空工作安全手冊





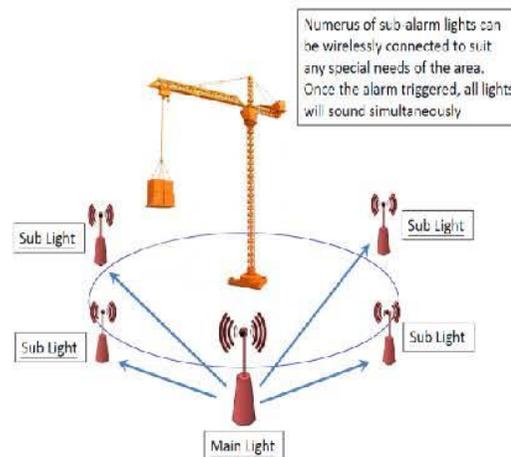
# 工程和物業管理 安全研討會 2019

Safety Forum 2019 for Works Contracts and Property Services Contracts

## 優化工作環境

### • 無線通信技術

- 驗證機械操作員的身份
- 檢查機械和工友的資料
- 控制工友進入高風險區域
- 建立吊運操作的警報系統





## • 利用科技的措施

- 當操作員離開座椅時，叉車需要在2秒內停止操作
- 塔式起重機需要具有第二制動器
- 無線手提電工具

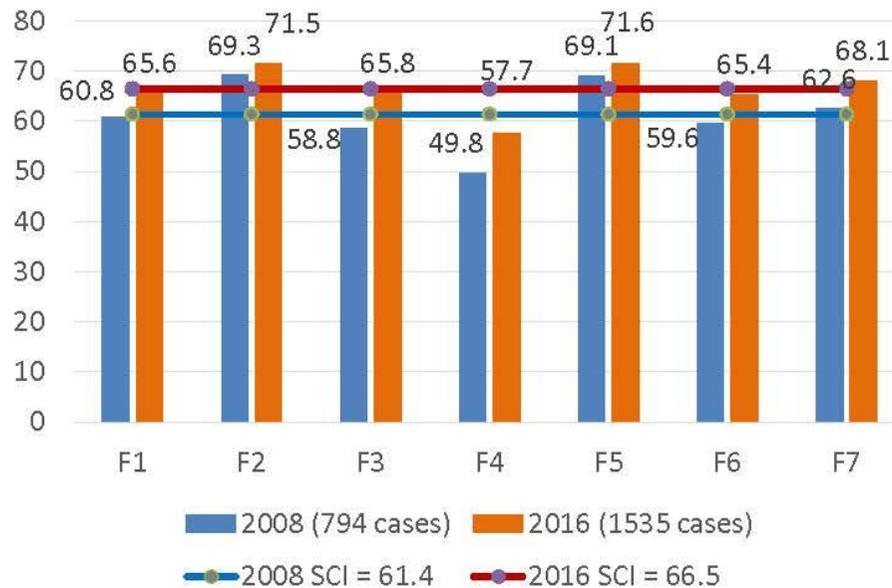
操作員座椅上的傳感器：操作員離開座椅時自動暫停叉車操作



## 合約條款及管理

### 加強工地安全管理

- 推行建造業安全督導員認證
- 安全氣候指數調查
- 工作安全行為計劃





- 優化安全，環境和衛生支付計劃
  - 及早報告意外/事故
  - 提交安全創新技術資料
  - 改善工地整理
  - 突擊安全巡查表現
- 推行訓練年輕天秤手計劃



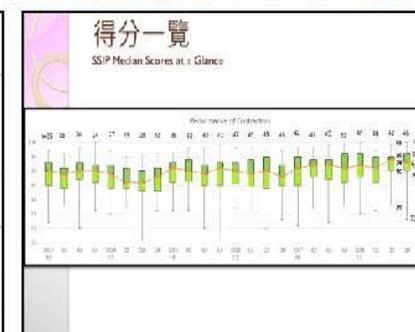
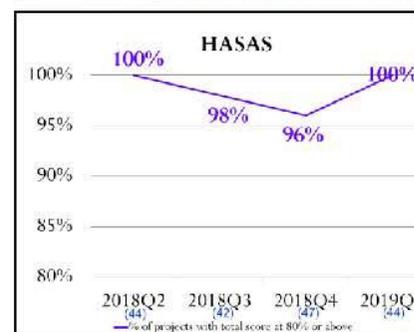
## 採購策略和表現監察

### - 評核標準

- 承建商表現評分制(PASS)
- 安全稽核
- 突擊安全巡查

### - 事故報告機制

- 手提電話連通網絡報告安全  
事故



DCSMS



## 研究、培訓及推廣

- 持續研究及進行安全訓練

## 工地外預製組件

- 探索組裝合成建築法、使用預製結構牆及升降機井道

## 網上安全重溫培訓計劃



### 職業健康與安全管理體系的新ISO標準 - ISO 45001

- ISO 45001是國際標準化組織於2018年3月12日發布的職業健康和安全管理標準。
- ISO 45001標準取代了OHSAS 18001標準。
- 對於已持有OHSAS 18001認證的組織，會有3年的過渡期。





# 關愛文化常推廣，工友安全又健康

“  
We bolster Caring Culture for  
Safety and Health of Our Workers”

<http://www.housingauthority.gov.hk/sitesafety>

Here is the footage of

“Safety Forum 2019 for Works Contracts and Property Services Contracts”

which was held on 3 July 2019

by the Hong Kong Housing Authority

The Speaker is

Ms. Connie Yeung Deputy Director (Development & Construction)

Her topic is Caring Culture for Safe Work Practice -

Work at Height and Safety Innovations

Next, let us invite

Deputy Director (Development & Construction) cum

Chairman of Site Safety Sub-committee

Miss Connie Yeung to speak to us

She will introduce a promotion of Housing Authority (HA) in

work at height and safety innovations for risks at work

Please

Thank you

Dr Chan

Chairman of Occupational Safety & Health Council (OSHC)

Mr. Chan

Chairman of Construction Industry Council (CIC)

Supporting organisations and guests

Friends of the industry, Colleagues

Greetings

The theme of the Forum this year is

Caring Culture for Safe Work Practice

I hope to work with the industry

to promote a caring culture

and to guard our frontline workers' safety and health

This forum also emphasises

safety of working at height

and how to promote safety innovations

The total number of workers for HA projects

can be seen in the diagram

The number increases every year

We are duty bound to do more

for site safety and health management

Other statistics indicate

the past 10 years

accident rate and

number of fatal accidents on construction sites of HA

new works are in red, maintenance works are in green

In 2018, we organised a workshop about accidents on work sites

In 2018, we organised a workshop about accidents on work sites

We reviewed site safety management methods

We reviewed site safety management methods

We invited contractors to join us in the review

We invited contractors to join us in the review

to strengthen safety measures and

on how risks can be controlled effectively at work

We focused on the prevention of cases

such as falling of workers from trucks while transporting stuff

such as falling of workers from trucks while transporting stuff

and ways to prevent workers from falling

into floor openings

In the past

there were not very pleasant experiences

We organised a workshop

We worked with the Labour Department (LD), OSHC and CIC

We worked with the Labour Department (LD), OSHC and CIC

contractors associations and unions

and friends of different sectors

to brainstorm and review

With the opinions obtained

we enhanced some requirements for working at height

we enhanced some requirements for working at height

CIC also collected examples of good practices from the workshop

CIC also collected examples of good practices from the workshop

and has recently compiled “Work at Height Safety Handbook”

This is a compilation of useful and practical information

This is a compilation of useful and practical information

We have also taken advantage of technology

to improve the working environment

For example, with Radio Frequency Identification [ RFID ]

What have we done?

The slide shows 4 items

including identifying the mechanics operator

second, check mechanics and workers

third, monitor workers going in and out of the risky zone

fourth, control crane operation and its alarm system

All these items are related to risk jobs on site

and work at height

In fact, the use of technology in the future

will be something we cannot do without

When we make use of technology

some measures are to be adopted

For example, when the operator leaves

his seat for some time

the forklift truck must be stopped within 2 seconds

means even if he forgets

means even if he forgets

it is automatic, the system will switch off automatically

For tower cranes, a secondary brake is needed

This is double protection

Third is to use a wireless portable electric tool  
Compared with some traditional tools with wires  
the wireless one is safer and more dependable  
For contract conditions and administration  
we have also introduced some measures  
Through contract terms, site safety management is enhanced  
Accreditation of safety supervisors  
will strengthen their safety standards to above average  
We have also implemented safety climate index  
and also a scheme on safe work behaviour  
Also, we have improved  
the Integrated Pay for Safety, Environment and Hygiene Scheme  
We encourage contractors to instantly report incidents  
submit information on safety innovations  
to conduct safety audit  
improve housekeeping  
and enhance assessment criteria for pay scheme  
We do this to encourage  
better performance in Surprise Safety Inspection Programme (SSIP)  
I am very concerned about this myself  
Unexpected inspection is the most important  
When I visited construction sites, I had not informed the sites beforehand  
I make surprise visits  
When I almost arrived  
I phoned the site just one minute before arrival  
I phoned the site just one minute before arrival  
For surprise safety inspection  
I do encourage friends at the management level  
to adopt this measure  
I do not aim at seeing prepared sites and rehearsed scenarios  
My objective is not to identify a problem and be happy



My objective is not to identify a problem and be happy  
I am more realistic  
I want to help workers in the frontline  
What is his work environment like?  
Is there anything deserving commendation?  
There must be some  
But we often see only the bad  
I hope to see the good too  
The good can be examples for other construction sites  
This is the objective of SSIP  
For performance monitoring  
We have revised  
the Performance Assessment Scoring System (PASS) for contractors  
Our HA's PASS  
Our HA's PASS  
Many friends may be familiar with it  
We have enhanced some requirements  
and strengthened monitoring the performance of contractors  
praising the good ones, hoping the poor ones will improve  
We do not only punish  
Since September 2018  
we have enforced a new incident report mechanism  
Contractors can use a mobile device  
that is a smart phone app to report incidents to us instantly  
I have my smart phone with me all the time  
It may be a day off in Hong Kong  
or I could be overseas on vacation or business  
I cannot part with my smart phone  
and will follow incident reports continuously  
Colleagues say Connie will be nervous  
It is true that I keep track of the reports

Besides reports from colleagues  
the media follow everything very closely  
Like the fatal accident last Saturday mentioned by the Chairman  
I was very anxious about it  
because serious incident should not happen  
Regarding research, training and promotion  
what have we done?  
We will continue to explore  
and collect data for research to find ways to improve site safety  
Like precast elements  
We look into the uses of Modular Integrated Construction (MIC)  
applying to the prefabrication of structural walls and lift shafts  
Can we do more and better  
to reduce in-situ concreting works on sites?  
We also continue to provide safety training  
For example, to enhance revision of safety knowledge for HA's staff  
We provide refresher courses online  
By doing revision online  
colleagues can join training programs more efficiently  
They may be busy at work  
but online training programs  
are a better way to learn  
I am not long-winded  
Safety and health are closely related  
Health is of vital importance to every worker  
We have spoken much on safety  
but health and safety complement each other  
Without good health, work ability will be adversely affected  
So today, other than the participation of the construction industry  
we have invited the Labour Department and Department of Health  
to share knowledge on safety and health

with us and our workers

The charter we have signed just now

The charter we have signed just now

shows the determination of all in the industry

to fight for workers' safety and health

We will do our best and push promotion

We sincerely hope our workers will finish work safely

go home to live happily with their family

Thank you

Thank you, Miss Yeung

Please be seated

Just now we learned that

HA has adopted multi-directional measures

to guarantee workers' safety and health

Technology is well taken advantage of

That includes online learning courses and instant reporting

Continual improvement is evident

Thank you for watching