

Here is the footage from the
Hong Kong Housing Authority
"Site Safety Seminar for Capital Works New Works Contracts" which was held on 27
April 2017.

The speaker is

Mr. Lau Chee Tim,
Senior Manager of Housing Department (Safety and Health).

His presentation topic is

Visit to Somatosensory Safety Training Centre in Beijing on 29 September 2016.

Ladies and gentlemen, let me introduce to you
my visit to Beijing on 28 September last year.

On 29 September, I visited Somatosensory Safety Training Centre
of China Construction First Group Corporation Limited in Beijing

On that day, several groups participated together including

Executive Director Ms Bonnie Yau and General Manager Ms Catherine Wong of
Occupational Safety and Health Council

Winson YEUNG, Principal Consultant, and I am the representative of the Housing
Authority

From the Construction Industry Council, there was a lady, Ms. Angela Yuen .

The Town Gas Company - Kwong Chiu Ling and two colleagues

In addition, there were 2 colleagues from Macau Labour Bureau.

On the Beijing side, the parties responsible for this visit included

Beijing Municipal Work Safety Bureau

with support from China Construction First Group

We visited their somatosensory centre.

This somatosensory centre was established three years ago.

Firstly, we visited the indoor experience field

We saw the electricity experience module

and had our personal feeling

of passing a small current through the human body which made people feel a shock

This gave an alert of the harmful effect of electricity to the human body

In addition, this is about falling object

When participants stand in the right place,

there is a mirror to reflect yourself and remind you to wear a safety helmet

The arrow points at the iron bar which will fall down and hit the safety helmet

I felt the impact personally. Of course, it is hard to sustain the hit without safety

helmet

In addition, safety shoes

offer an important protection for the feet

There is an iron bar rising and falling down to hit the foot

Of course, there are safety shoes protecting me from any injury

The red circle is the location of the iron bar

In addition, the demonstration of fire extinguishers is electronic.

The training center of the OSHC has similar arrangements.

Both Hong Kong and Beijing have such facilities.

There is a human body model training first aid skills

We went to the outdoor two-storey training ground.

On the upper metal platform, some facilities were placed

The balanced beam experience at the beginning

tests the ability of the staff and

their ability to work safely

After that, there is an experience of fall from height into a hole.

The falling down of the human body is a fatal accident

The fall of human body constituted a high proportion in fatal accidents

Standing on the upper floor, the wooden board at the feet opened suddenly

letting the participants fall down into the ball pool, there is a sense of squatting under the centrifuge

It's quite frightening, it's dangerous to fall down.

In addition, it is the experience of using safety harness properly.

Correct method of using the safety harness

Only the belt and full body type

When being hoisted, it is found that there is a big difference between the two.

Have a ladder and safety rope experience.

Secure the safety harness onto the lifeline rope.

Test the stability of ladders

This is a photo.

There will be a video on this later.

When people climb to the top of the ladder, they will get the feeling of tilting.

Have an experience of the correct use of the hanger.

In addition, the use of wire rope

teaches workers the right command signal

and how to inspect the device.

Here also shows the lifting gear.

and the different loading capacities at different angles.

There is an introduction of metal scaffolding facilities and its safety hazards and possible incidents.

Here is the simulation of the collapse of the retaining wall and workers learn how to escape.

On the next level, there are various dangerous passages.

When walking along, you can experience the danger of unsafe passage.

This makes workers pay more attention to the importance of work platform safety.

Another point, this is a photo of the suspended work platform.

This guardrail makes workers pay attention to the safety of guardrails.

When one leans onto the guardrail, it will fall over.

The feeling of falling let workers pay attention to the safety of guardrails.

There is a code of practice on manual handling.

Many minor accidents are related to the manual handling and frequent accidents arise.

Regarding housekeeping on construction sites, there is a lot of experience of striking against objects and tripping.

Here is the facility to simulate a confined space.

The following two devices will emit smoke-

People think that the space is confined and

there is a need to wear personal protective equipment

There are also two outdoor similar combinations.

Put fire fighting equipment in it.

The power comes from the solar panels

This is a demonstration of fire protection facilities

This is a module on simulated electrocution.

There is also a module to experience the use of safety harness and falling objects

The power comes from the wind

This is a close-up

The motto is very meaningful.

No matter how busy in the production , safety is unforgettable

If there is no safety, it will be futile to produce more.

There is a five-minute short film

The above interview was done three years ago

Last year, Beijing Tongzhou established Xinqiang Security Technology Co., Ltd.

Five-minute animated short film introduces the content just now expressed more clearly

The language of this snippet is Mandarin
Use combination of different simulation modules
for ease of safety training on different construction sites.
The Construction Industry Council (CIC) also visited South Korea.
Beijing also follows South Korea for simulation training
The Construction Industry Council is now learning their technologies,
combining different modules
for implementation in a training centre
It is a good direction
to enhance the safety awareness of the workers
Thank you all.

Thank You For Watching.