

Here is the footage from “Site Safety Seminar for Capital Works New Works Contracts”, which was held on April 8, 2014

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His presentation topic is “Housing Authority Safety Auditing System (HASAS) Version 1.5 (For Building and Engineering Contracts) – Findings in Q4 2013 and Q1 of 2014”

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Let’s look at the photos first. We can see a lot of good site measures, like guardrails and ladders are provided for safe access. These are the good examples. In terms of protection, there are sufficient fences and scaffolds under material hoisting lift to prevent fall of objects from height.

Many sites have done well in protection of building edges, including adequate fences, toe boards and fencing mesh.

I think you are all familiar with lift works. This is a full height protection of lift shaft openings. Designs are being enhanced on many sites, including the improvement from the two-leaf doors design in the past to the current design of four-leaf doors to reduce manual lifting. When using safety harness, workers can still be protected by the lower doors even though they opened the upper doors. In such way, the protection is better and more flexible.

The following section is situations of housekeeping. In terms of housekeeping, we aim to keep the site tidy, like placing materials properly, cleaning trash, removing materials from access path and avoiding wet floor. I believe you all understand this can help preventing slipping or tripping. You may feel slipping or tripping is not that serious, if you refer to the number of accidents provided by Labour Department, you will be aware that the number of these accidents is high. It accounts for a high percentage of all categories of accidents. We should all be aware of.

This is also included in housekeeping. Others also include lighting. There are places where lighting is not enough. We will show you some examples later. Referring to the opinions of auditing, on the procurement of materials, we all understand that space is limited on site, same as for material storage too. Are there any solutions for that? For example, we can procure materials according to the needs and reduce storing large

quantity of materials on site and hence reduce storage space. Besides, in terms of handling of waste and abandoned materials, you may review the frequency of removal of waste so as to reduce the accumulation of waste on site. Later we will come to learn more through photos. I would like to remind you some important points in the daily housekeeping on site. For example, we should keep the walkways and stairs unobstructed, avoid storing materials or accumulate waste there. It is unacceptable if workers are blocked along the way. The site should also be kept clean and reduce the storage of waste. Just as I said before, we need to clear waste properly whereas useful materials need to be stored properly. We should adopt the concept of “5S”. We can demarcate a storage area to store the materials. Let’s look at the photos of good examples on sites, this one shown systematic exhibition of notice and relevant information at appropriate location. Many contractors are good in housekeeping and provide a clean working environment. They have also fixed a proper place for fire fighting system without hindering fire escape routes.

In terms of waste handling, provisions of chemical handling places and delegated staff to handle chemical waste. There are also proper places for storing dangerous goods.

In recent years, great emphasis has also been put on the protection of the projected reinforcement bars. There have been some serious accidents of this sort in recent years. Here are some examples on site for your reference. For example, in this picture, there are strong transparent plastic boards with handles for protection. Just putting it on reinforcement bars could offer a neat protection and the removal is easy. They can be re-used in other places in the future. You may see in the past that the reinforcement bars were covered with used water bottles, but it could be very manpower-consuming. For your reference.

Contractors have performed well on sites in the provisions of signage for escape routes. They have used large signs to indicate directions of escape routes, the housekeeping here is good too. Emergency instructions are clear on each floor, including ways to respond, escape routes and assembly points.

The next section is equally important, including the part of electrical safety. On sites, for inspections of electrical devices, including all electrical wires, electrical tools and connections. For example, we need to decide whether the electrical wires need to be hung up to avoid damage. This is a good example, proper tools, more than one, are provided on sites. Electrical wires are properly hung up and connected to different places.

Let's go to the other aspects. In terms of mechanical equipment that emits noises, ear protection area should be demarcated and workers should be reminded to wear ear protective equipment. Facilities for rest should also be provided on sites, which many contractors have done well. Many facilities have been provided, such as portable-water machine. As summer is approaching, water, herbal tea and even fruits such as water melon for cooling are supplied on sites.

Most of the time, TV facilities are provided on sites with the playing of OSHC's videos. When workers are taking rest, they can learn about job safety and health. These are all workable on sites. The "P" and "N" License System is a rather new safety measure. As you know, there are many new workers in recent years. From time to time, workers move from site to site. Accidents easily happen because of their unfamiliarity with the new site. Licensing system helps new workers or workers who are new to the site, giving them a sign so that they can receive tips from instructors to get familiar with the site and working environment aiming to reduce the occurrence of accidents.

Besides, lifting is a very important and high risk process. Different measures have been implemented on different sites. For example, on this site, different chains and canvas slings are lent to workers and contractors.

That's it for the first section. Just now we have shared some good measures on sites.