

There were a lot of good examples of good practices under the safety auditing system of the nominated sub-contracts for lifts and escalators under the Housing Authority, such as working platforms are generally installed with adequate guardrails and toe-boards

The passage of ingress and egress were both good

The floor openings in the plant rooms were covered properly

The personal protective equipment was stored properly

The wires were hung up

The moving parts of the machines were provided with guards properly at the workplace

The hand tools were properly stored

I would like to

introduce a foreign product for covering the steel bar

This product was very simple,

Place the yellow WISA block on the steel bars

Add WISA block at intervals of 1.2m to 1.5 m and

put a timber block in between in order to achieve the required protection

What is the difference from the traditional method?

The traditional method used to use protective caps or "mushroom type protective caps"

The size might not be suitable or it might be blown away by the wind

It needed long handling time and could rarely be re-used

The Occupational Safety and Health Council (OSHC)

suggested that the traditional protective caps could only prevent cut or serve as a warning

They also conducted a test,

simulated a dummy falling from 2 meters height

They discovered that a protective cap was broken

which meant that the steel bars pierced through the dummy's body.

Our concept is that the protective caps were the last resort of protection

our first priority is to prevent people from falling down

The better way is to prevent workers from falling down

Besides, I want to remind everyone that, this product was made of plastic

There are holes in the middle,

the advantage is easy to install

It only needs one size to suit all kinds of environment

It can fit the steel bars of 32mm in diameter

It is installed at intervals of 1.52 m

Although there is a short video, it might not be able to play

It simulated a dummy falling from a height of 2 to 3 meters

WISABlock can act as a protection,

Two pieces of WISABlock and timber blocks can protect the dummy from steel bars piercing through its body

You can imagine a man falling down from a height of 2m to 3m

Although the steel bars did not pierce through the body, he experienced injury already

Therefore, the source of protection should start by preventing workers from falling from height

This product was for reference only,

you may find other similar products from the market to achieve the same effect

The WISABlock has a number of advantages in that it has been certificated, tested and

is able to be reused for 7 times supposedly

After using it on the first site,

It can be re-used on another site

Also it is easy to install which reduces the time of installation

This is the end of my report, thank you