

Good morning, everyone

I am going to talk about the results of Q2 and Q3 of 2016

and good examples as reference for everyone

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Here is the rundown,

I'll talk about the results,

findings and innovative site safety measures

in Q2 and Q3 of 2016,

and introduce Housing Authority Lift and Escalator Nominated

Sub-contracts Safety Auditing System (HALENSAS)

Besides the results in Q2, Q3 and good examples,

I will also introduce new products for everyone to know

Let's look at the trend first, the red bar in the chart represents

the score of 80 or above in Part A and Part B,

which are good, constituting more than 90% of all

The blue line in the chart displays the critical pass items,

all score 70 or above,

and the red bar achieved more than 90%

As for individual performance,

Housing Authority Safety Auditing System

on average, 93% of contractors

score 80 or more in Q2,

and this percentage decreased to 90% in Q3, which are good

The trend of results of critical pass items is very stable

Everyone should pay attention to housekeeping

which has been at the lowest level for a long time,

but are also not less than 80%

Besides, in Housing Authority Lift and Escalator Nominated

Sub-contracts Safety Auditing System (HALENSAS),

the audit results of lifts, electrical, fire service

and air conditioning

are good in past two quarters

If you look at the lift installation,

there is an audit which scores below 70 in Q2 and Q3

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For the electrical work, all score 70 or above in Q2 and Q3

Performance of fire service work is the same

Next, I introduce the good examples now

In the past two quarters,
the situations of working platforms are generally satisfactory,
not only guardrails and toe-boards are installed,
planks are also placed
Step platforms are used both outdoors and indoors
Similarly, the hop-up platforms are generally used,
which are good phenomena
These products are generally accepted in the industry
Good examples,
like the reverse circulation drilling machine
(RCD) platform and ladder
These ladders to the platforms can be extended
When the reverse circulation drilling machine
(RCD) platform rises,
the ladder can be extended
to reduce the need for using different lengths of ladder
This is a good innovative site safety measure
In addition,
safe entrances/exits and accesses to pile caps are provided
Arrangements of vehicle-pedestrian separation
are satisfactory,
and the situations of pedestrian access are also good
The passages of ingress and
egress of scaffolding are in order,
wooden boards are placed to allow safe access and egress
For housekeeping,
garbage skips are generally used to collect waste,
and covers are used. This is good
Protective covers are added on metal bars
The materials are placed and fenced off properly, etc.
Regarding the electrical installation,
the notice posted by contractors on sites
reminds workers to use low voltage tools
The wires are hung at high level
Lifting warning system is installed
Spare lifting gear is provided
which can be used by subcontractors if need arises
Spare pads are provided

Good examples

include the installation of warning lights in the refuse chute,
which can remind the workers on upper floors
not to throw refuse

into the chute when the red light is on

On the other hand,

there are some machine registration systems in which
the machine has to be registered
and only can be used with a certificate

Some of the contractors provide cooling vests
to protect workers from heat stroke
when they are working in summer

Guards are installed to the moving parts,
guards are installed to bar bending machine,
and there is a conspicuous indication of the fire escape route

In last two quarters,

an innovative work safety measure is approved

In safety training,

use Building Information Modeling (BIM) and
Virtual Reality (VR) technology to

simulate five dangerous situations,
including electrocution, objects falling from height,
fall of person, drowning and collapse of lifting appliance

Produce videos of these five situations,

use VR in training and

let the workers experience

When facing these five situations,

they can recognize the risk

The use of technology can achieve this result