

HASAS(NW) – 2024Q2-2024Q3
Summary on Audit Findings
房委會安全稽核制度 - 2024年第2季及-2024年第3季
安全稽核結果

Occupational Safety and Health Council
職業安全健康局



Content

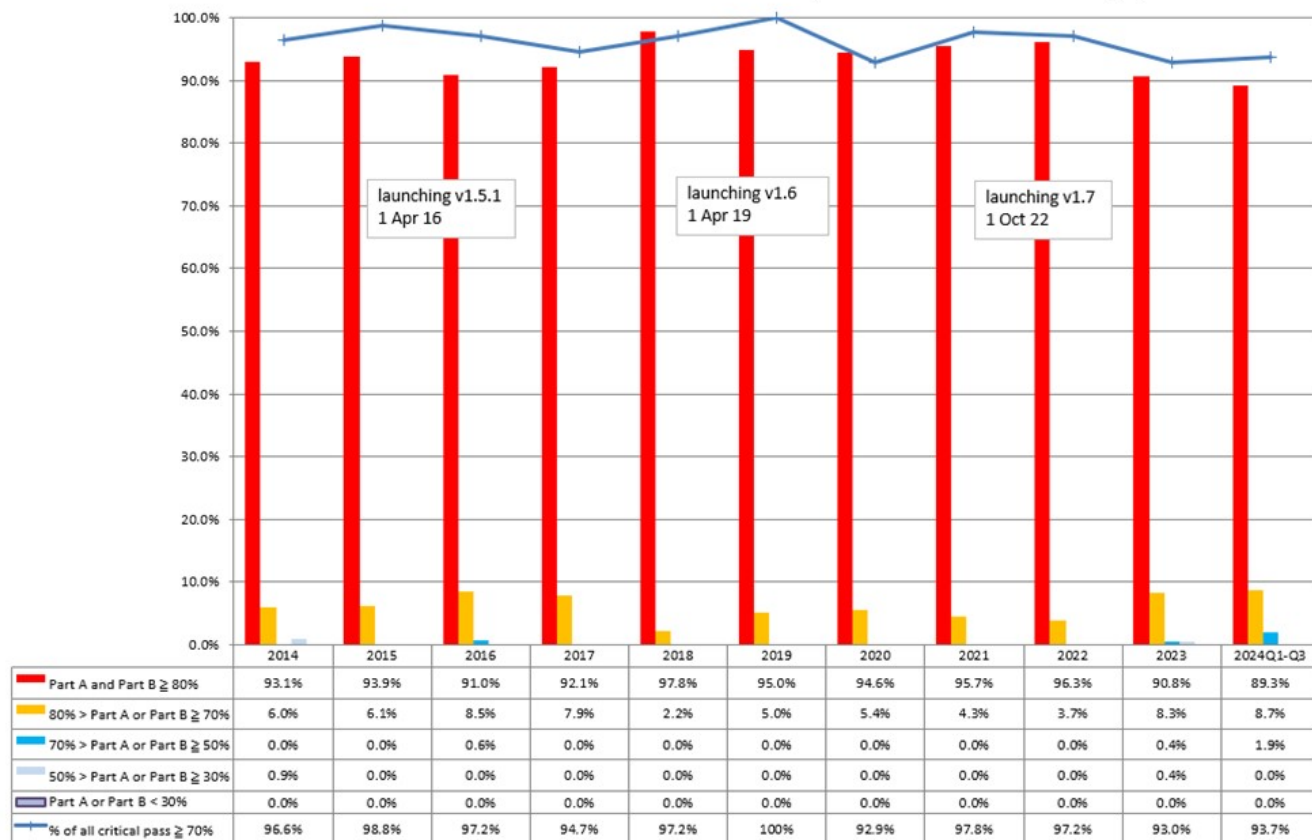
1. Overview on HASAS (NW) & HALENSAS Performance
2. Summary on Audit Findings 2024 Q2 – 2024 Q3

Overview on HASAS Performance

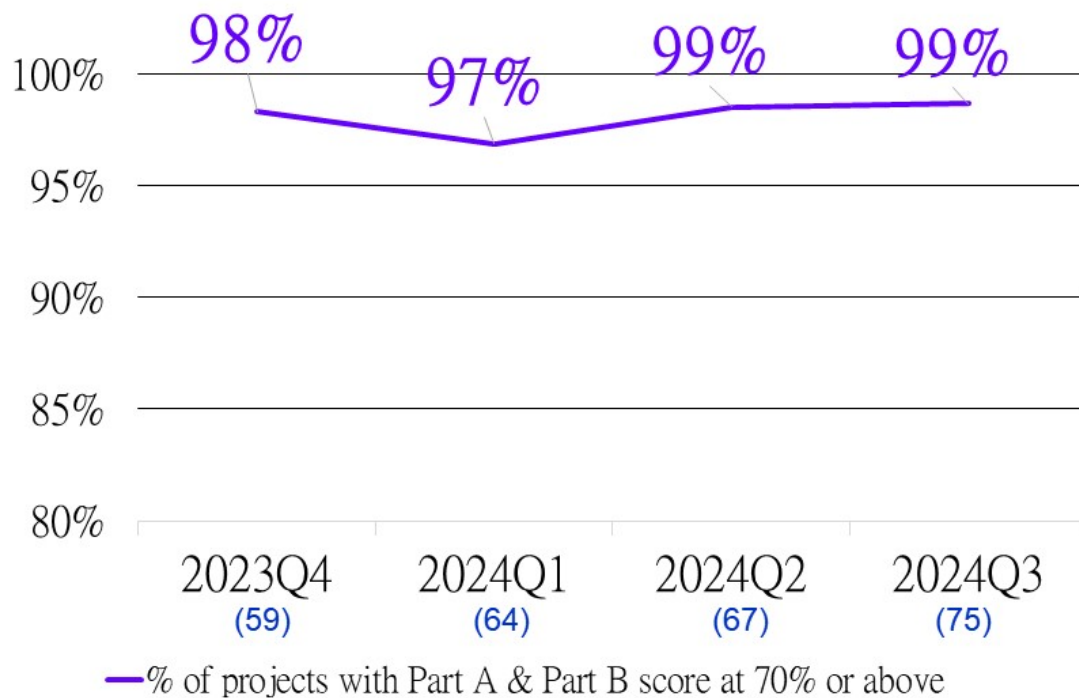
安全審核表現總覽

Chart 1A

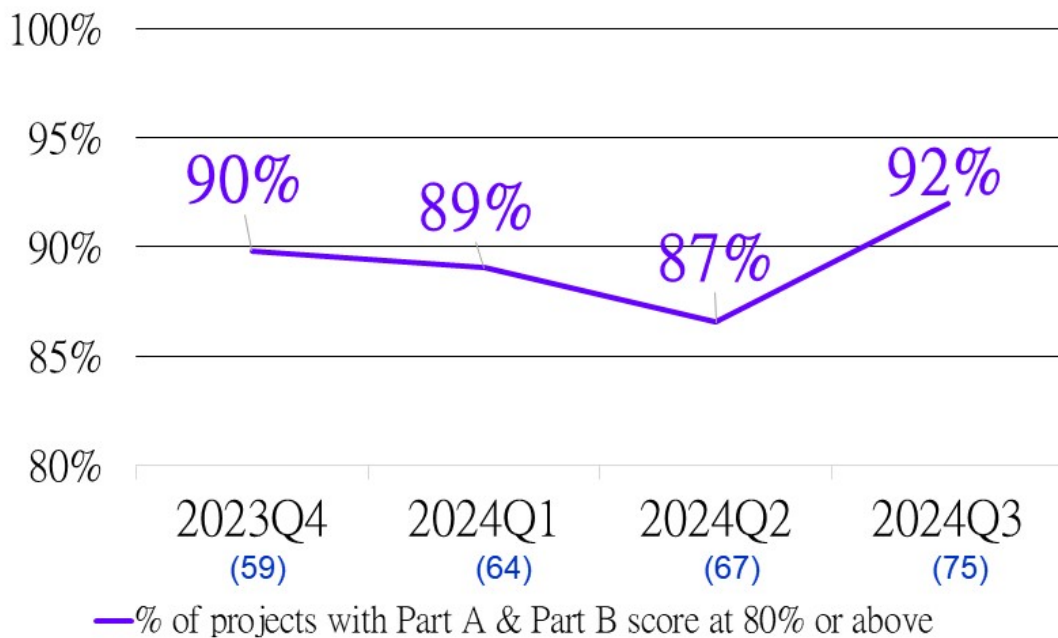
Score trends of all HASAS contracts (from 2014 to 2024Q3)



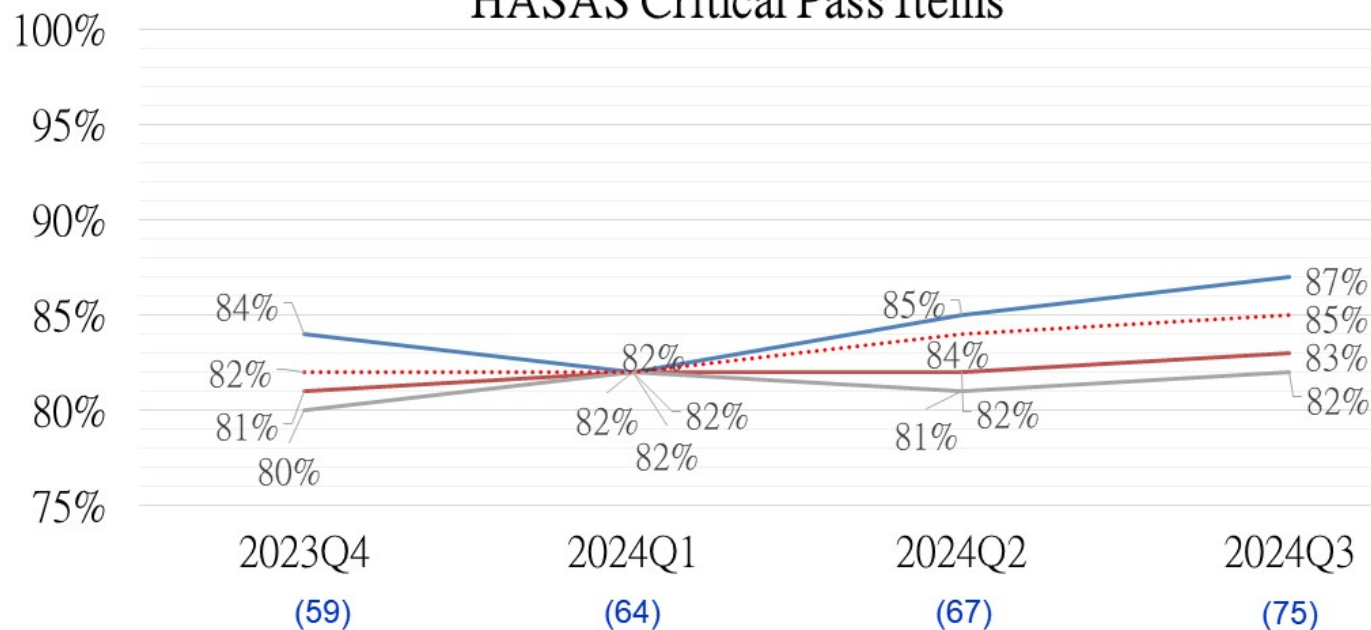
HASAS



HASAS

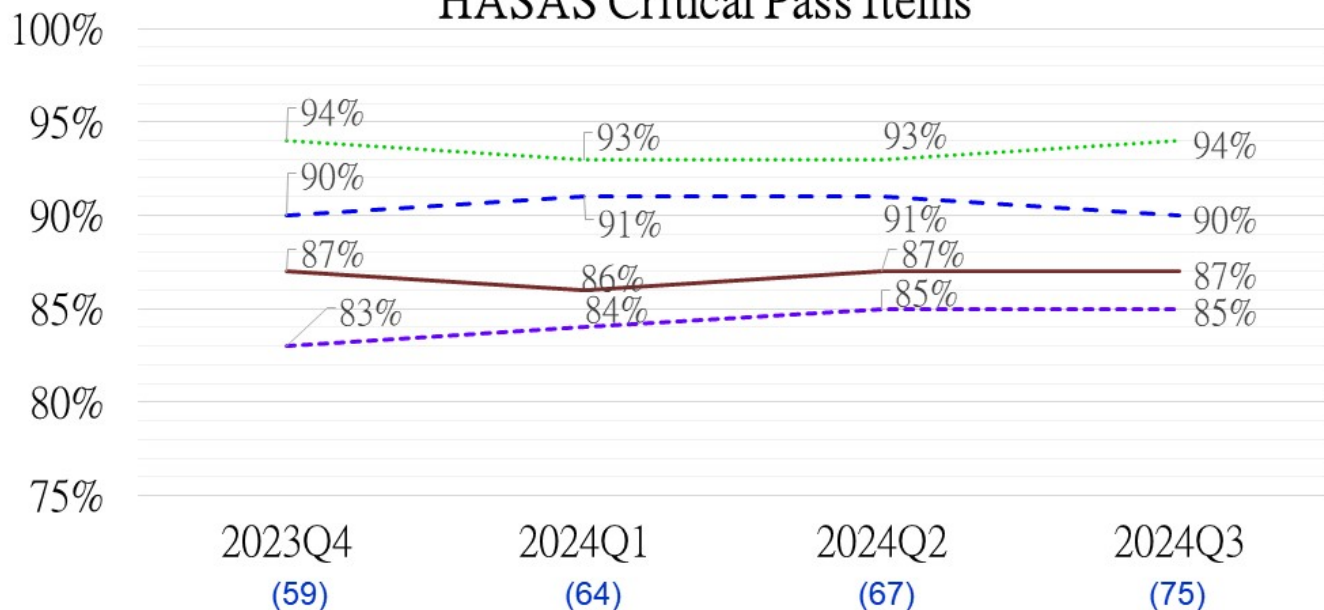


HASAS Critical Pass Items



— Element 7 - Job Hazard Analysis — Section 14.1.3 - Working at height
— Section 14.1.4 - Housekeeping Section 14.1.5 - Falling Objects

HASAS Critical Pass Items



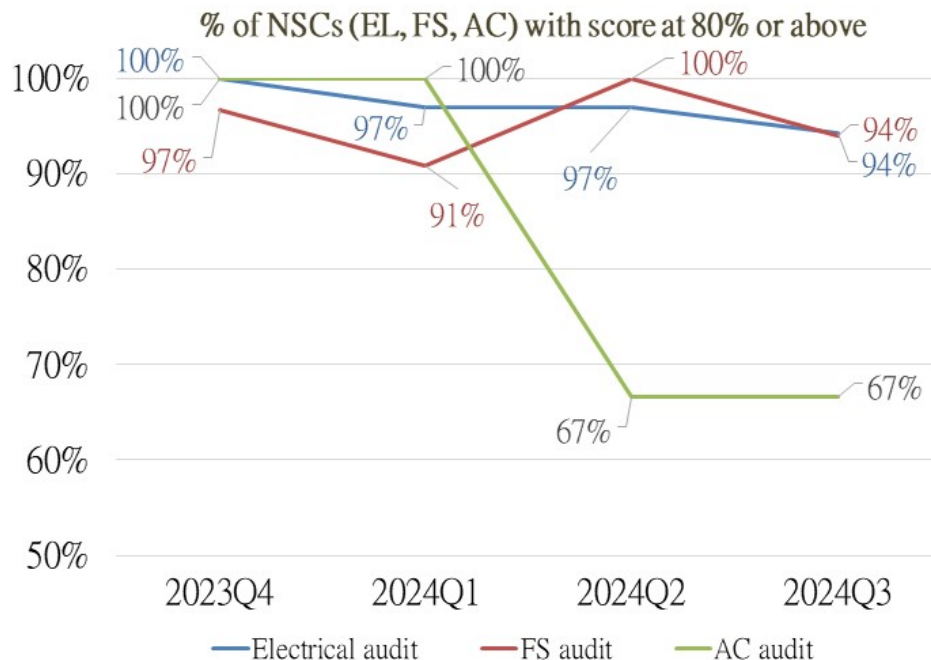
--- Section 14.2.3 - Lifting Operations

--- Section 14.4.1 - Tower Crane

..... Section 14.3.2 - Electrical Supply System

— Section 14.4.2 - Mobile Crane

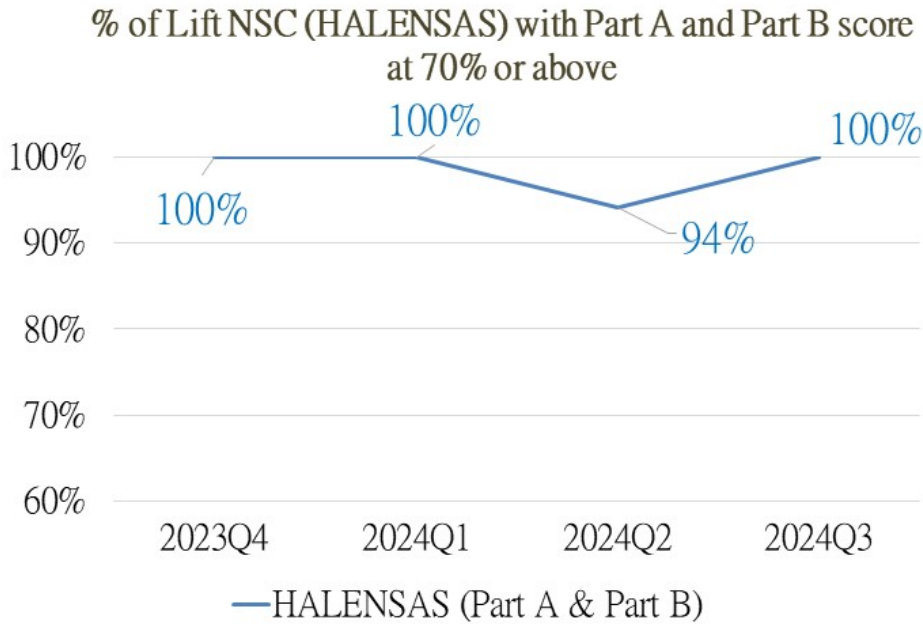
Chart 1D



	2023 Q4	2024 Q1	2024 Q2	2024 Q3
Electrical audit	31(31)	33(34)	33(34)	33(35)
FS audit	30(31)	30(33)	33(33)	31(33)
AC audit	4(4)	3(3)	2(3)	2(3)

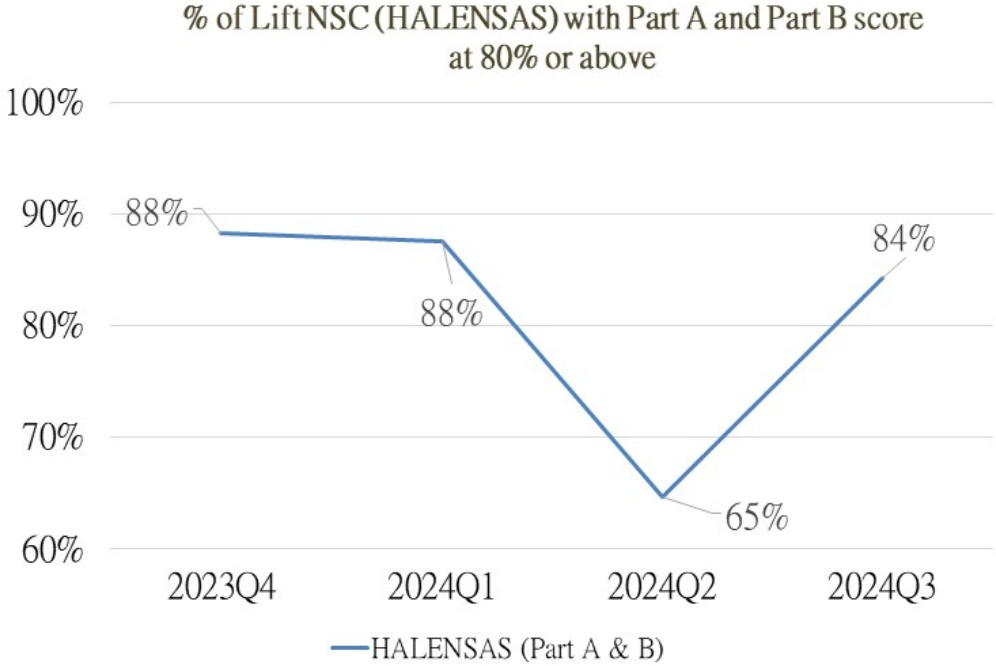
Note : All NSCs score at 70% or above in 2023 Q4 – 2024Q3

Chart 1E



	2023 Q4	2024 Q1	2024 Q2	2024 Q3
HALENSAS	17(17)	16(16)	16(17)	19(19)

Chart 1F



	2023 Q4	2024 Q1	2024 Q2	2024 Q3
HALENSAS	15(17)	14(16)	11(17)	16(19)

Safe Scaffold and Workplace 安全棚架及工作場所

GOOD PRACTICE 良好作業方式



- Provision of suitable platform ladder and hop-up platform
- 提供合適梯台及功夫橈

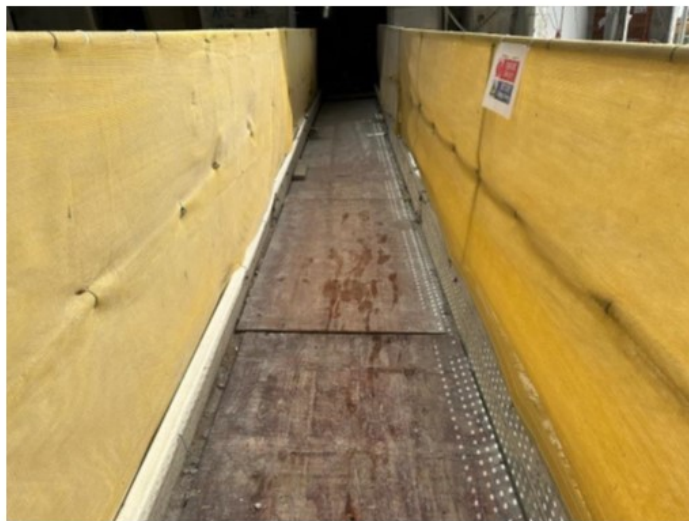


GOOD PRACTICE 良好作業方式 ✓

- Safe access & egress were provided
- 提供安全進出通道



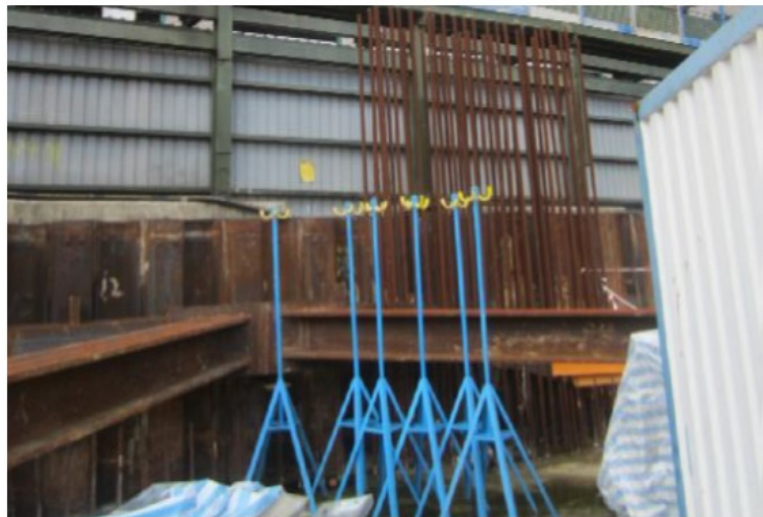
- Walkway was kept clean and free of obstruction
- 保持通道整潔及暢通



GOOD PRACTICE 良好作業方式



- Provision of cable hangers
- 提供電線掛架



- Electric cable was properly suspended
- 電線妥善掛高



Lifting Operations 吊運工序

GOOD PRACTICE 良好作業方式

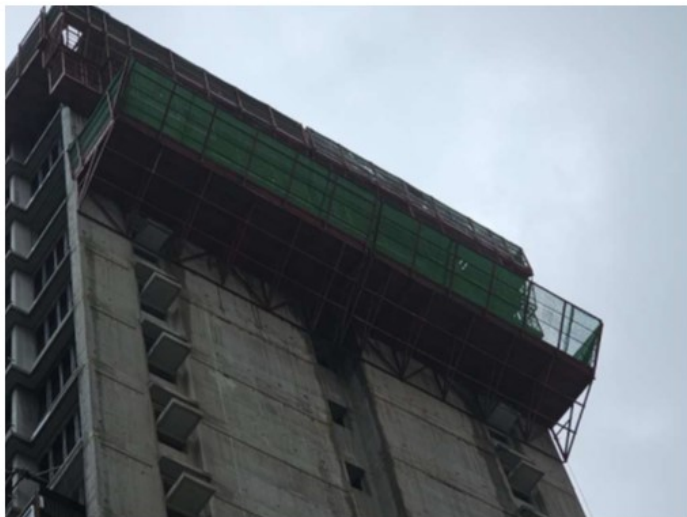


- Applying markings to the bolts to monitor the tightening status
- 於螺栓上加上標記以監察其緊固狀態
- Provision of bridging chains for the steel frame housing generator to avoid rigging at height
- 於發電機加裝吊架接駁吊鏈以便埋碼員可以站於地上進行埋碼工作



GOOD PRACTICE 良好作業方式 ✓

- Provision of wall mounted catch
- 於外牆安裝掛籠斜擋



- Provision of sufficient welfare facilities
- 提供足夠的福利設施



GOOD PRACTICE 良好作業方式 ✓

- Provision of somatosensory safety training facilities
- 提供體感安全訓練設施
- Alerting system was installed at the entrance of confined space
- 於密閉空間進出口安裝警示監察系統



HASAS(NW) –2024Q2-2024Q3
Summary on Audit Findings (NSC)
房委會安全稽核制度 - 2024年第2季及2024年第3季
安全稽核結果(指名承判商)

Occupational Safety and Health Council
職業安全健康局



GOOD PRACTICE 良好作業方式



- Flammable storage cabinet was provided
- 提供易燃物品儲存櫃



- Provision of portable fan
- 提供便攜風扇



HALENSAS –2024Q2-2024Q3
Summary on Good and Bad Practices
房屋委員會升降機及電梯指定分包合約安全稽核制度
2024年第2季及2024第3季年安全稽核結果

Occupational Safety and Health Council
職業安全健康局



GOOD PRACTICE 良好作業方式



- Safe working procedures were displayed
- 張貼安全工作程序



GOOD PRACTICE 良好作業方式



- Provision of portable fan
- 提供便攜風扇



- Materials were properly stored
- 物料妥善存放



The END

Thank You!

This is a clip from the 18 October 2024 recording of the

Hong Kong Housing Authority

“Site Safety Seminar for Capital Works New Works Contracts”

The speaker on stage is Mr Jack FONG

Senior Consultant of Occupational Safety & Health Council

His topic is

Housing Authority Safety Auditing System (HASAS) (For Building and Engineering Contracts)

and Housing Authority Lift and Escalator Nominated Sub-contracts Safety Auditing System

(HALENSAS)

Findings in Quarter 2 of 2024 and Quarter 3 of 2024

(00:35)

Hello everyone. I am Mr Jack FONG, Senior Consultant of the Occupational Safety and Health Council

I will report on the performance and safety audit results for the Q2 and Q3 of 2024

There are two parts to this presentation

First, the audit findings of Housing Authority Lift and Escalator Nominated Sub-contracts Safety Auditing System

Then we will look at some performance and safety audit results

showing good practices

showing good practices

Let's first look at the trend chart, there are red, yellow and blue bars

There is a red line, what does it represent?

It shows both Parts A and B of the audit scoring 80 or above

Now look at the last two red lines

They represent Q1 to Q3 of 2023 and 2024 respectively

There is a slight drop of 1.5%

In 2023, 90.8% of contractors scored 80 or above

In the first three quarters of 2024, the figure dropped to 89.3%, a 1.5% decrease

You can see the blue bars have gone up

That means a fail grade

If either Part A or B

one part scoring below 70

the blue bars will appear

So the top blue line shows

the percentage of contracts where all key items scored at least 70

In 2023 and the first three quarters of 2024 we can see a slight improvement

But compared to 2021 and 2022, there is a downward trend

This is something we should all be mindful of

Looking at the last two quarters, 67 projects were conducted in Q2 of 2024

This rose to 75 projects in Q3

Most contracts met the 70-point requirement

Only 1% in each quarter failed to meet the standard

which I assume is only 1 project failing to meet the standard

If we look at scores of 80 or above there's been an increase

from 87% to 92% in Q2 to Q3

Key performance items also showed improvement

The top blue line means working at height

shows a 2% improvement

The red dashed line shows falling objects is also increased by 1%

Job hazard analysis also improved by 1%

Housekeeping at the bottom line also went up by 1%

The green line at the top represents electrical systems improved by 1%

The blue dotted line representing tower cranes dropped by 1%

The brown line and the bottom-most line represent safe use of mobile cranes and tower cranes

they remained unchanged over the two quarters

So out of the eight key items

only 1 key item showed a decline

which is tower cranes represented by the blue line

This is something we must pay attention to

As for nominated sub-contractors, the results are generally good

Why do we see fluctuations in this chart?

It shows contracts scoring 80 or above

Take the green line for the percentage of air-conditioning works as an example

Why? Because there were only three contracts

As one failed to meet the 80-point mark, the percentage dropped to 67%

For lift and escalator works, 19 contracts were audited

All passed with scores of 70 or above in Q3

No issues there

Most also met the 80-point requirement

84% of them reached that level

Let's now look at some interesting photos

Contractors should already clearly know the requirements

Many have adopted compliant step platforms or hop-up platforms

The current standard is EN131-7

As mentioned previously

EN131-7 ensures anti-tip testing has been passed

which is the standard for step platforms or hop-up platforms

So EN131-7 is the adopted standard

Contractors are generally meeting this requirement

This is a good example

On the roof, likely nearing handover stage

you can see access platforms built to cross over pipework

Clear access is provided on the right

This is a good practice

Temporary cable racks have been set up for workers to hang up electric cables properly

Indoor spaces also have cable supports installed

Another good practice, which many contractors already do

is drawing a straight line across bolts and nuts

This helps to monitor whether any bolts have shifted

or been loosened, which is a good practice

On the right, a generator has been secured with four chains at the corners

This helps rigging personnel anchor it properly from ground level

It is also a contract requirement under Housing Authority contracts

and one of our requirements during inspection

External walls have been fitted with tilted cages

to prevent materials from falling from height

Again, this is a contract requirement

I also want to share the photo on the right

which is good welfare facilities provided by a site

They imported a water dispenser from overseas

It provides hot and cold water, as well as sparkling water

Beside it, there are two machines

One is an ice maker

great for summer heat relief

The other is a somatosensory training centre

In one of the contracts, they set up a facility

to let workers experience safety scenarios

Another good example on the right

is an alert system installed at confined space entrances and exits

When the cover is opened when someone is trying to enter

it sounds an alert so that site management can pay attention

For nominated sub-contractors, overall performance is good

Many nominated sub-contractors have procured flammable goods storage cabinets

to store such items safely

On the right is a portable fan

used to help workers cool down during summer

For lift projects

we saw many visualised graphical work procedures posted on site

This is highly encouraged

Since workers may not love to read long texts

visual guides help them better understand the requirements

Again, we see good use of portable fans and tidy material storage

That concludes my sharing today, thank you!

Thank you for watching

(11:16)