

What I will continue with
is the
Occupational Injury and Disease Surveillance System [HAOIDSS] It is a software developed by the Occupational Safety & Health Council for the Housing Department. It was presented in other occasions previously.
Today, I will present on its progress
and show you more pictures regarding this aspect.
This is a Web-based programme
It is an online data management system,
designed for the construction sites of the Housing Department.
There are four main purposes.
The first purpose is to record some of the incidents.
As long they happen on the construction site,
regardless of whether there are personal injuries or diseases.
Of course, near misses are included.
The second purpose is to help contractors
in filling out the forms.
Take administrative forms for an example.
What is familiar to us shall be
the form 787.
For example, if you want to fill out
The Form 2,
an additional SIS form shall be filled out as well.
It helps too.
Besides, it applies to other forms as well.
The third purpose is to warn users,
such as contractors,
when unexpected cases
or unexpected rates reached the level of danger.
It will alert them
to be careful through email.
Whether or not it has reached the level set by you previously,
or exceeded the upper limit.
Of course, the upper limit can be set by the Housing Department,
or the company on its own.
The fourth purpose is to help the Housing Department or other users to make
statistical data.
It can be in the form of displaying or testing,
in order to supervise
the conditions of the injuries and diseases.
As it can be seen from the pictures, there are three modules.
The one on the left serves for monitoring accidents;
the middle one serves as assistance in filling out the 787 mentioned just now,
while the one on the right serves for

analysing root causes of accident.

To begin with, let's talk about the first module.

It is a control diagram.

For example, the curve going up and down in blue represents accident rate and accident rate out of 1,000 workers of a site.

Numbers are up and down, while some are fictive, in order for you to see conditions.

The topmost line reads the accident rate of 12 per 1000 workers.

This is the upper limit set by the Housing Department.

It will probably be changed by the Housing Department after 2015.

So, you see the pink line.

This line goes horizontally at 12 till 2015.

Maybe the upper limit will change in 2015.

I hope that you can do better.

In addition, this red line was probably set by the construction company.

It is probably the action level.

It is an alarm line.

It means that you are going to work or put heads together.

You shall find a way to stop the accident rate from soaring.

This is, um...

I'm sorry.

The red one shall be the upper limit of the construction company.

Some companies are aggressive.

The Housing Department set it at 12.

We shall set it lower.

We set it at 10.

The line 8 is the action line.

It means that when reaching 8, meeting shall be called.

to find the way out again.

Therefore, the 3 lines can be different, or identical.

It doesn't matter.

Of course, it can be set by the users themselves.

The topmost line is set by the Housing Department.

Besides, there is a diagram of comparison.

For example, if there are 6 contracted construction sites for a company, there will be 6 different performance.

This is based on the rate per 1,000 workers.

There is a mean value.

There are two upper limits.

The first one is the rate of 12 per 1,000 worker set by the Housing Department.

The second one is the rate of 10 per 1,000 workers set by the company.

We can see.

Is it close to some sites?

This is a list.

Another one is a Plato.

For example, it is a construction company.

I would like to see the category of its accidents at certain period.

It had drawn up the 23 categories set by the Labour Department happened on that site

from top down.

Afterwards, an cumulative frequency is drawn.

It is the dark blue line.

Namely, it is the displaying form of a Plato.

Have you seen the signs?

Is it worth of doing more?

Of course, you can design and select an appropriate chart.

It can show statistics of different individual sites,
or total of all the sites under the same company.

Finally, it comes to the accidental rate.

It is supposed that you want to view the data stored for years.

Whether accidents occurred evenly in 12 months of a year?

This is a fictive chart.

It has ups and downs.

In fact, there are constant ups and downs.

Then, does the accident rate has something to do with season or not?

Moreover, statistical analysis can be made.

Yes or no?

Of course,

you can set the level of display.

This example adopts 0.05.

The second module helps you to fill out form 787.

It is the administrative form of the Housing Department.

Also, you are required to fill out the SIS page behind Form 2,
namely the additional data.

You are required to fill them out.

What are the benefits of that?

After filling out the forms, inform the Housing Department.

The statistical data will be updated in real time.

They will be increased or decreased.

They will either be accidental figures or formally released figures.

They are based on SIS.

So, for the diagram displayed just now,

You can either choose the data based only on 787,

or the data published by the Housing Department after coming back from the Labour

Department.

It plays the role of filtration.

It can also help you to fill out the data at a suitable location in the related forms.

For example, it can be Form 2, Form 2A, Form 2B or accidents.

Since the contents filled out in 787

will be transmitted automatically,

they can be printed as well.

Blank spaces

Are mostly personal data.

So, they will not be collected by our system.

After being printed, you can show them to the Labour Department.

The third module is about the analysis of the accident causes.

What seems important to me is that it helps you to think over.

It will show what you enter.

If you enter comprehensive data faithfully,

they help you to find direct causes,

causes behind and causes of the management behind.

They will lead you to answer a range of questions.

For example, where and when did the accidents happen?

You can enter this information.

Another problem is that,

whether the involved risks are known.

If so,

why is there no control?

If not,

why are you not informed at that time?

You shall answer faithfully.

The third question is,

whether the accident is affected by the contractor,

namely you, or the work arrangement?

You will get the answer after entering.

The figure on the right will show the accident figure.

The data entered by you will be attached.

There is an action plan on risk control behind.

Besides, you shall enter a series of problems.

For example, which measures could be taken to control risks?

Are they requirements or suggestions?

You can enter appropriate contents in proper places.

Whether the same risks have occurred previously and other places?

If so, what are they and when did they occur?

By the moment, a diagram will emerge on the right.

Regarding the confidentiality of information,

some contractor representatives have expressed concern at the previous meetings.

In fact, this is very important.

Whether sensitive data are stored.

This includes age, ID card, address,
or sub-contractor's address and telephone number.

This is because they are included in these forms.

Based on the above considerations,
we think they are important as well.

These data will not be collected by the system.

Therefore, data from the Form 2 and Form 2A mentioned just now
will totally not be stored by this system.

Therefore, after printing the forms, you shall also fill out other parts.

If it relates to Form 2A,

the contents will not be attached to our system.

This will prevent the leakage of some data of mishaps.

Therefore, basically, our system mainly stores data of 787
as well as the data in the auxiliary data sheet of SIS.

Other contents will not be stored in our system.

Our schedule is that we will carry out the test of users next year.

Besides, we will do user acceptance test.

I expect that they will be completed in 2015.

So much about this report.

Thank you!