

Here is the footage of

“Site Safety Seminar for Capital Works New Works Contracts”

which was held on 30 October 2019

by the Hong Kong Housing Authority

Now is the first Questions and Answers Session

If there is no question from the audience, let me ask first

Just now, I saw a back-up fail safe system

It was a good one providing sound protection

But I believe this system may not be available everywhere

What were their concerns? Or, put it in this way

Perhaps only bigger construction sites or

construction contractors will consider to provide the system

Smaller projects may find it hard to do the same

Bigger contractors have more capital

to provide the funding and time for that

Just now, we mentioned national standards

Is your company an acetylene agent?

Any further reminders for us?

I would say there is no big difference

between acetylene made in Hong Kong and Mainland

The difference lies in testing

The testing requirement is more stringent in Hong Kong

as its structure is more vulnerable to damage

Compliance with Mainland standard means compliance with law

Mainland standard requires acetylene testing every 3 years

In Hong Kong, the requirement is once every year

I am Mr Lam. I have a question

I noticed that acetylene from the Mainland suppliers

have occasional air valve leakage problems

The standards in Hong Kong are higher than those of Mainland

but not sure in reality

For inspection to be carried out in Hong Kong

can soap water or other methods be used?

Mr. Lam, maybe I would put it this way

There is no problem with Mainland standards

However execution may be in different interpretations

Leakage is not related to Mainland standards

It is about the quality of the inspection

As a user, you will notice that

leakage usually appears at those movable parts

Where does leakage occur exactly?

Probably at the connection points of the air valve

Besides, check whether it "weighs enough". What is "enough weight"?

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If it is oxygen, is the pressure sufficient?

Any leakage?

Is the pressure duplicated after installing pressure gauge?

All setup procedures must be followed closely

Then, turn off the air valve

What is meant by turning off the air valve?

That is to shut down gas supply

Read the meter when there is no gas supply

If the meter reading does not fall within 1 to 2 minutes

this means the cylinder is alright

It is not so easy to weigh acetylene cylinder

If you want to check gas leakage

soap water is often used on construction sites

However our company does not use soap water

I should put it in this way

We do not use mixtures of detergent or other liquids

Our substances used are similar to soap water

But there is no acidic substance, no alkaline substance either

What is the reason? The reason is the large quantity used

Perhaps you do not know

Up to ten thousand bottles are made daily or monthly

the air valve will erode. It happened previously

It happened in our office, but not on your sites

It was caused by erosion due to overuse of soap water

Soap water is cheaper and more convenient

We buy a solution from our parent company

It has the same function and can avoid accidents

It costs 200-300 times more than soap water

It is in fact not a lot of money after all

Just because soap water is very cheap

But it is worthwhile for the reason of safety

Thank you for watching