

New approaches to Seveso inspections

Tanja Heinimaa
tanja.heinimaa@tukes.fi

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The aim and the content of the presentation

The aim:

Shortly describe your new approaches to Seveso inspections in Finland

- Incl. alternative to traditional Seveso inspections;

Remote Inspections (e.g. Skype)

The content:

Seveso surveillance in Finland, what new

Why and how remote inspections?

Benefits? Challenges?

Good to remember

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Seveso surveillance in Finland

- Tukes is a competent Seveso authority in Finland (both permits and inspections)
 - About 325 Seveso establishments and about 370 establishments that Tukes conducts inspections at, based on Finnish legislation
 - 15 inspectors in Finland, located in Tampere
 - **The Seveso inspection normally takes 1 day, usually 1 inspector**
- Before the Seveso establishment may begin to operate they have to have Tukes permit. In the permit process e.g. risk assesment and accident scenarios play an important role



New in Finland's Seveso surveillance

1. Tukes sends an agenda with several questions to the operator in advance. Answers can be reviewed in more detail during the inspection and are used in the inspection report.

-> Operators are well prepared for the inspection

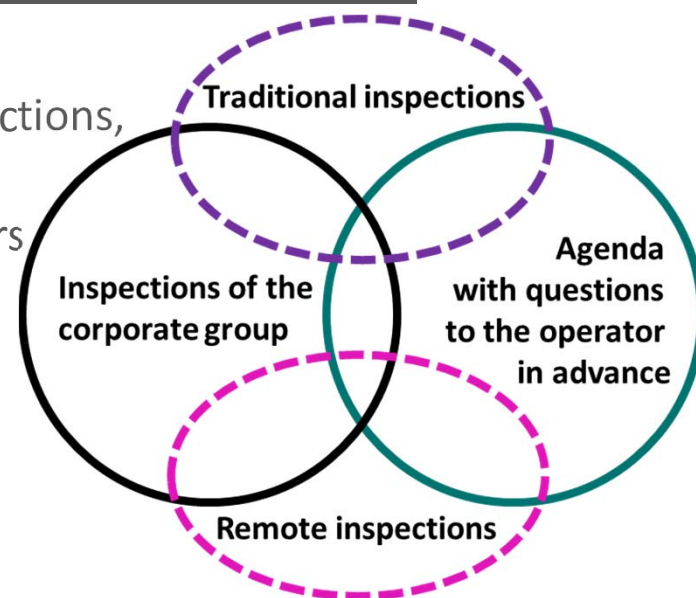
-> More time on the site walk and current issues during inspections, listening to the customers' wishes

-> Only positive feedback even operator need to write answers and Tukes use them on the report

2. Remote inspections (e.g. Skype)

3. Inspections of the corporate group

The inspection reviews the procedures used by the corporate group to ensure safety (safety management system). This may be part of the Seveso inspection.



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Why and how remote inspectios?

Why?

- Operators have asked
 - Limited resources
- Why not? It's a modern way!

How?

1) Normal audit ("paper issues") but with remote connection

2) Site walk: Prior to inspection Tukes asked to take several photos from the site and the location was marked on the site map. Perhaps in the future on-line video, Drones,...

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Remote inspection

Benefits

- Authorities don't have to **travel** to site
 - > saved working time
 - > more time on risk based Seveso surveillance
- **Key persons** (from the company, authorities, ...) may take part in the inspection only for a while
- Sometimes it is challenging to find a whole day for the inspection
 - > inspections in 2 parts: 1) SMS audit with Skype and 2) site tour on site

Challenges

- **Personal meeting** is very different than video connection -> It's very important to regularly visit sites!
 - **Not usefull always**, e.g.
 - 1) if you don't know the operator
 - 2) if you don't know the safety climate on site
 - 3) site is new for you
 - **Connection problems**
- **Limited possibilities** to send or save pictures/ on-line videos to the authority
 - **Security**

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Summary, good to remember

- Mainly Tukes conducts traditional inspections on site
- Alternate inspection methods are always considered together with the company on a case-by-case basis as well as based on risk
- Remote inspections can be used especially at sites that are inspected often
 - Remote connections are also usefull e.g. when
 - 1) processing permits to establishments
 - 2) meetings when companies have plans to change their processes or
 - 3) discussings with other authorities (e.g. safety reports)
- It is possible to use
 1. remote inspection to audit process safety management system and
 2. another day have a normal site tour on the site

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Thank you!

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