

# Group 1

Differences:

LNG is always above ground. LPG is diffent places

Internal inspections LNG no inspections LPG depent aged and site

Emergency response: Divert a release away from the leak in a storage tank to a basin with foamglass.

Water sprinkling to cooling af tank from a fire outside to the tank

LPG used for cars, LNG used for trucks

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What are the main challenges in inspection of LPG and/or LNG sites?

Many sites are very old special LPG sites. Only few LNG sites.

Some storage tanks are 40 years old.

Old equipment specially LPG sites. LNG sites is often rather new.

Large company's issue to give them same level when we do inspections

LPG company sets the standard and regulations "industry standard" often for operation the sites.

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What challenges (if any) have arisen from the increased use of LPG and LNG in Industry?

1. We have challenge with land use planning when there new sites are planed
2. Loading ships with LNG from a road tanker is not a Seveso activity.
3. New Knowledge is needed for the inspectors

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## 3. Inspector Competency for LPG/LNG Inspections

### *Strengths and weaknesses.*

What are typical inspector strengths in your country in support of LPG/LNG site inspections?

Ingeneers, technical, chemical, chemical engineer, specialized risk annalist,

Sweedeen: Environment,

Finland: different background.

Hungary: chemical, tekhnical

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## 3. Inspector Competency for LPG/LNG Inspections

### What are the weaknesses?

Recruiting more people from the industry. They are quite happy where things are.

New educated come to get inspiriance and then goes to the industry for more money.

In Slovenia the inspectors must have 5 years' experience before they can be a inspector.

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## 3. Inspector Competency for LPG/LNG Inspections

Are there gaps in available tools and training and if so, what kind of additional technical support might be useful?

There is gaps but it is hard to divine them. Its difficult to be in all the regulations and the Seveso.

Example from sweeden: new emploid puts 1 year in school before he starts inspektions

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## 3. Inspector Competency for LPG/LNG Inspections

### *Guidance*

What manuals or instructions on SEVESO approach to LPG/LNG inspection are available in your country?

General checklist for general Seveso company's

Special LNG checklist in Belgium

Checklist for all types om Seveso sites in

Portugal general

Finland some kind of memo list

Assessment guide for safety reports