

SPISE TWG 11

Periodical Inspection of Foggers and LVM equipment



ULV equipment

- Definition: equipment which produce very small 1-50 μm droplets means to treat pests with low Volume Application Rate
- 3 types:
 - Hot Fogging: Thermal or electrical energy used to create and transport droplets
 - Electro Fogging: Electrical energy used to create droplets and fan to transport
 - Cold fogging: Energy from compressed air used to create droplets and transport by additional fan.



Fogging and LVM equipment

- No EN or ISO standard for new machines, only general requirements from 2009/127/ec, amendment on Machinery Directive.
- No EN or ISO standard available for inspection of machines in use.
- Only requirements from Annex II, 2009/128/ec
- Experiences from Belgium, UK and Nederland
- Goal to develop SPISE Advise
- Later on ISO standard, also for new machines

Using the EN-ISO 16122 standard

- Base of inspections: Annex 2 of 2009/128/ec
- Before the inspection (EN-ISO 16122-1)
- During the inspection (relevant parts of EN-ISO 16122:4)

Inspection – LVM Machines

- A. Leaks and dripping
- B. Spray mix agitation
- C. Spray liquid tank
- D. Measuring systems, controls and regulation systems
- E. Lines (pipes and hoses)
- F. Filters
- G. Distribution

How to continue

- Finish the content of the SPISE Advise
- To be discussed next meeting of SPISE TWG
- Publishing afterwards
- Pushing CEN/ISO to develop harmonized standards.