Fourth European Workshop on

Standardized Procedure for the Inspection of Sprayers in Europe

-SPISE 4-

27 to 29 March 2012 – Lana (Italy)
Session 2:
Member States may apply different timetables and inspection intervals (acc. 8/3)

B. Huyghebaert & N. Bjugstad
§3. By way of derogation from paragraphs 1 and 2, and, following a risk assessment for human health and the environment including an assessment of the scale of the use of the equipment, Member States may:

a) apply different timetables and inspection intervals to pesticide application equipment not used for spraying pesticides, to handheld pesticide application equipment or knapsack sprayers and to additional pesticide application equipment, which shall be listed in the national action plan foreseen in Article 4, that represent a very low scale of use.

The following additional pesticide application equipment shall never be considered as constituting a very low scale of use:

(i) spraying equipment mounted on trains or aircraft;
(ii) boom sprayers larger than 3 m, including boom sprayers that are mounted on sowing equipment;

b) exempt from inspection handheld pesticide application equipment or knapsack sprayers. In this case the Member States shall ensure that operators have been informed on the need to change regularly the accessories, on the specific risks linked to that equipment, and that operators are trained for the proper use of that application equipment.

The main idea of §3 is the introduction of the possibility to derogate from the sprayer inspection. BUT, the derogation:

1. concerns only certain PAE
2. may be applied under certain conditions (Risk Assessments)
SPISE 3 – 2009 - Discussion

1. Analyse and understand the derogation limits
2. Define a classification scheme of the PAE
3. Forsee arising questions
4. List the subject to be dealt with SWG
### Pesticide application equipment in professional use accord. article 8 FDW

<table>
<thead>
<tr>
<th></th>
<th>Equipment Description</th>
<th>Images</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td>Pesticide Appl. Equipment (PAE)</td>
<td><img src="https://via.placeholder.com/150" alt="Image 1" /> <img src="https://via.placeholder.com/150" alt="Image 2" /> <img src="https://via.placeholder.com/150" alt="Image 3" /></td>
</tr>
<tr>
<td>2)</td>
<td>used for spraying incl. fogging</td>
<td><img src="https://via.placeholder.com/150" alt="Image 4" /> <img src="https://via.placeholder.com/150" alt="Image 5" /> <img src="https://via.placeholder.com/150" alt="Image 6" /></td>
</tr>
<tr>
<td>3) &amp; 4)</td>
<td>hand-operated PAE</td>
<td><img src="https://via.placeholder.com/150" alt="Image 7" /> <img src="https://via.placeholder.com/150" alt="Image 8" /> <img src="https://via.placeholder.com/150" alt="Image 9" /></td>
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<tr>
<td>5)</td>
<td>PAE not used for spraying pesticide</td>
<td><img src="https://via.placeholder.com/150" alt="Image 10" /> <img src="https://via.placeholder.com/150" alt="Image 11" /> <img src="https://via.placeholder.com/150" alt="Image 12" /></td>
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<tr>
<td>6)</td>
<td>Exempt from Inspection (boom &lt; 3m)</td>
<td><img src="https://via.placeholder.com/150" alt="Image 13" /> <img src="https://via.placeholder.com/150" alt="Image 14" /> <img src="https://via.placeholder.com/150" alt="Image 15" /></td>
</tr>
<tr>
<td>7)</td>
<td>Additional PAE (boom &lt; 3m)</td>
<td><img src="https://via.placeholder.com/150" alt="Image 16" /> <img src="https://via.placeholder.com/150" alt="Image 17" /> <img src="https://via.placeholder.com/150" alt="Image 18" /></td>
</tr>
<tr>
<td>8)</td>
<td>Additional PAE (train, aircraft, boom &gt; 3m)</td>
<td><img src="https://via.placeholder.com/150" alt="Image 19" /> <img src="https://via.placeholder.com/150" alt="Image 20" /> <img src="https://via.placeholder.com/150" alt="Image 21" /></td>
</tr>
</tbody>
</table>

**Session 2: MS may apply different timetables acc. 8/3**

- Different timetables, intervals, very low scale; acc. Article 3(a)
- Exempt from Inspection (3(b))
- No low scale (3(a))
SPISE 3 - 2009 - Results

Other timetables and intervals:

1. Derogation = lengthening of the « deadlines » defined in 8/1 and 8/2

2. Without standardised inspection protocols => derogation (postpone the « deadlines »)
Introduction – Article 8/3

SPISE 3 – 2009 - Conclusions

1. List of PAE already inspected in the MS
   - Survey (Wehmann)

2. Comparison with the priorities list established within the CEN/TC144/WG3
   - Session 3 (Douzal & Polvèche)

3. Information and training of the user
   - Session 5 (Nilsson & Andersen)

4. Risk assessment?
   - NOW

Session 2: MS may apply different timetables acc. 8/3
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**Introduction – Article 8/3**

- **Risk assessment**

Overall process comprising:

- Evaluation

Source: ISO 12100 - Safety of machinery – General principles for design – Risk assessment and risk reduction

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Introduction – Article 8/3

Risk

RISK related to a hazard

SEVERITY OF HARM resulting from the hazard

PROBABILITY OF OCCURRENCE of that harm

1. Human health
2. Environment

1. Exposure
2. Occurrence
3. Possibility to avoid/limit

Source: ISO 12100
Introduction – Article 8/3

Determination of the limits of the machinery

Hazards identification

Risk estimation

Risk evaluation

Risk reduction?

YES

END

NO

INSPECTION

Risk assessment

Risk analysis

Session 2: MS may apply different timetables acc. 8/3

Source: ISO 12100

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§ 3. Risk assessment (health/environment)

YES:
INSPECTION is useful and induces a REDUCTION of the RISK

NO:
INSPECTION is useless and induces NO REDUCTION of the RISK

a) Apply different timetables and inspection intervals

b) Exempt from inspection → TRAINING of the operator

NO SENSE
§3. By way of derogation from paragraphs 1 and 2 of Article 8/3, following a risk assessment for human health and the environment, including an assessment of the scale of the use of the equipment, Member States may:

a) apply different timetables and inspection intervals to pesticide application equipment not used for spraying pesticides, to handheld pesticide application equipment or knapsack sprayers and to additional pesticide application equipment, which shall be listed in the national action plan foreseen in Article 4, that represent a very low scale of use. The following additional pesticide application equipment shall never be considered as constituting a very low scale of use:

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b) exempt from inspection handheld pesticide application equipment or knapsack sprayers. In this case the Member States shall ensure that operators have been informed of the need to change regularly the accessories, on the same basis as for equipment not exempted, and are trained for the proper use of that application equipment in accordance with Article 5.

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SESSION 2 - PRESENTATION

1. The trials on the influence of knapsack sprayer technical condition on operator exposure as an input to the risk assessment for human health (A. Godyn & al - POLAND)

2. New regulation concerning inspection intervals and exceptions of PAE is prepared (P. Harasta – CZECH REPUBLIC)

Discussion – Article 8/3

- Aim of the session
  - ...
  - ...
- Topics discussed
  - ...
  - ...

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Conclusion – Article 8/3

- Aim of the session
  - ...
  - ...
- Topics discussed
  - ...
  - ...
- Some conclusions
  - ...
  - ...
- Listing of subjects addressed to further SWG activities
  - ...
  - ...

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