Session 6: Defining criteria for rejecting pesticide application equipment, authorization and monitoring of workshop

Introduction paper

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Introduction to the session

In the Frame Work Directive (FWD) it is mentioned that “The inspection shall verify that pesticide application equipment (PAE) satisfies the relevant requirements listed in Annex II in order to achieve a high level of protection for human health and the environment” and that “Pesticide application equipment complying with harmonised standards developed shall be presumed to comply with the essential health and safety and environmental requirements” but nothing is clearly mentioned concerning the criteria to be adopted to reject the PAE. Should the PAE completely fulfil all the requirements listed in Annex II and/or in EN 13790 and future amendments to be able to pass the inspection? Could a PAE with minor defects be not rejected? For all these questions, at present, there are not harmonized answers and the situation is variable from Country to Country as it results from a specific questionnaire spread around Europe just before SPISE 3 Workshop (see Annex 1). For example, minor defects are not managed in the same way in the different Countries, therefore it actually happens that in about 57 % of EU countries the presence of minor defects can result in the rejection of the PAE, while in the other 43 % of countries it is necessary to detect a major defect on the sprayer to reject it after the inspection (Figure 1).

![Are the sprayers with minor defects NOT rejected?](image)

**Fig. 1** Example of result of the survey carried out in EU countries concerning the criteria adopted to reject the inspected PAE.

For what concerns the criteria for authorizing the inspection workshop in article 8 - paragraph 6 of the FWD it is mentioned that “Member States shall designate bodies responsible for implementing the inspections systems and inform the Commission therefore” but the criteria to be adopted for authorizing the bodies responsible for making the inspections are not defined. Should they have an internal certification like ISO 17020? Is this ISO certification too much restrictive and does it not allow to have the inspection implementation as required by the FMD? The Framework Directive also did not mention anything concerning the **monitoring of workshop activities**.

Member States previous experiences have very well underlined the importance of this activity that is also essential for having mutual recognitions possible. Which criteria should be considered for the monitoring? Which should be the background of the supervising Authority: ISO 17020, ISO9001? Others?
All these aspects have been mentioned during the introduction of session 6.

Annex 1

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### CRITERIA FOR REJECTING PAE

**Answer to question 1:** All the sprayers not completely fulfilling EN13790 requirements are rejected??

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Sprayers inspection not already regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

### CRITERIA FOR REJECTING PAE

**Answer to question 2:** Are the sprayers with minor defects NOT rejected??

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>6</td>
</tr>
</tbody>
</table>

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Session 6: “Criteria for rejecting the sprayers, authorization and monitoring the workshops”

Answer to question 3: Which inspection parameters are considered as minor defects??

- Power transmission part: 6 answers
- Spray liquid tank: 7 answers
- Level indicator: 9 answers
- Others: 8 answers

Answer to question 4: What is mandatory for the owner of a sprayer with minor defects??

- a - Replace the defect within mostly 15 days: 8 answers
- b - Replace the defect within mostly 30 days and resubmit the sprayer to the inspection: 4 answers

CRITERIA FOR REJECTING PAE
CRITERIA FOR AUTHORISING THE WORKSHOP

Answer to question 5: Which Authority gave the Workshop Authorization ??

- 10 National Authorities
- 1 Regional Authority

N° of answers

Agricultural Ministry: 2
Regional Ministry: 0
Other Authority: 11

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CRITERIA FOR AUTHORISING THE WORKSHOP

Answer to question 6: Which are the requirements to obtain the authorization ??

a – Inspector trained background

N° of answers

yes: 12
no: 0

Session 6: “Criteria for rejecting the sprayers, authorization and monitoring the workshops”
Answer to question 6: Which are the requirements to obtain the authorization??

b - Inspector trained background required

- Secondary school License
- Agronomical or technical education
- Certificate of Competence

CRITERIA FOR AUTHORISING THE WORKSHOP

Answer to question 6: Which are the requirements to obtain the authorization??

c - Inspector trained background required: training course duration

* Assuming 1 days = 8 h
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**CRITERIA FOR AUTHORIZING THE WORKSHOP**

Answer to question 6: Which are the requirements to obtain the authorization??

d – Workshop should have a suitable structure??

![Bar chart showing the responses to the question.d]

- Yes: 10
- No: 4
- Not specified: 2

**CRITERIA FOR AUTHORIZING THE WORKSHOP**

Answer to question 6: Which are the requirements to obtain the authorization??

e – Type of Workshop structure required

![Bar chart showing the responses to the question.e]

- To prevent weather influences: 5
- To prevent environmental damage: 6
- Both: 5
CRITERIA FOR AUTHORISING THE WORKSHOP

Session 6: “Criteria for rejecting the sprayers, authorization and monitoring the workshops”

Answer to question 6: Which are the requirements to obtain the authorization??

f – Workshop should have suitable instruments??

N° of answers

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>Not Specified</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14</td>
<td>0</td>
<td>2</td>
</tr>
</tbody>
</table>

CRITERIA FOR AUTHORISING THE WORKSHOP

Session 6: “Criteria for rejecting the sprayers, authorization and monitoring the workshops”

Answer to question 6: Which are the requirements to obtain the authorization??

g – Workshop suitable instruments necessary

N° of answers

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Yes</th>
<th>9</th>
<th>8</th>
<th>8</th>
<th>8</th>
<th>2</th>
<th>4</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure gauge tester</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flowmeter</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gauging cylinders</td>
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<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Horizontal patternator</td>
<td>9</td>
<td></td>
<td></td>
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<tr>
<td>Vertical patternator</td>
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<td></td>
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<td></td>
<td></td>
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<tr>
<td>Stopwatch</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Tachometer</td>
<td>8</td>
<td></td>
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<tr>
<td>Nozzle flow rate meter</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Collecting tank</td>
<td>2</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Technical aid to check the nozzles</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tbody>
</table>
Session 6: “Criteria for rejecting the sprayers, authorization and monitoring the workshops”

**CRITERIA FOR AUTHORISING THE WORKSHOP**

**Answer to question 6:** Which are the requirements to obtain the authorization??

h – Which requirements has the patternator to fulfill??

![Bar chart](image)

**N° of answers**

- EN 13790 requirements: 9
- Other requirements: 5

**CRITERIA FOR AUTHORISING THE WORKSHOP**

**Answer to question 7:** How long the Workshop authorization is in force??

- Not specified: 3
- 2 years: 1
- 4 years: 1
- 5 years: 3
- Unlimited: 4

![Bar chart](image)
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**CRITERIA FOR AUTHORISING THE WORKSHOP**

Answer to question 8: Which criteria are adopted to cancel the workshop authorization??

<table>
<thead>
<tr>
<th>N° of answers</th>
<th>CRITERIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Not fulfill the inspections activity requirements correctly</td>
</tr>
<tr>
<td>4</td>
<td>Not specified</td>
</tr>
</tbody>
</table>

**CRITERIA FOR MONITORING THE WORKSHOP ACTIVITIES**

Answer to question 9: Is it at present in force the workshop monitoring in your Country??

<table>
<thead>
<tr>
<th>N° of answers</th>
<th>CRITERIA</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>yes</td>
</tr>
<tr>
<td>2</td>
<td>no</td>
</tr>
<tr>
<td>1</td>
<td>not specified</td>
</tr>
</tbody>
</table>
Session 6: "Criteria for rejecting the sprayers, authorization and monitoring the workshops"

Answer to question 10: Who (will) make the workshop monitoring??

- National Authority: 10
- Regional/Federal Authority: 5
- Not yet decided: 1

Answer to question 11: Main aspects analyzed for the workshop monitoring

- Technical: 12
- Administrative: 11
- Both: 12
- Not yet decided: 1
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**CRITERIA FOR MONITORING THE WORKSHOP ACTIVITIES**

**Answer to question 12:** With which frequency is made the workshop monitoring??

- Months: 12 (4), 24 (4), 48 (1), not specified (7)

**CRITERIA FOR MONITORING THE WORKSHOP ACTIVITIES**

**Answer to question 13:** Who (will) collect the national results of the inspections??

- National Authority (8), Others (6), Not yet specified (2)
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CRITERIA FOR MONITORING THE WORKSHOP ACTIVITIES

Answer to question 13: Who (will) collect the national results of the inspections??

- With which frequency are collected the results of the inspections at National level??

<table>
<thead>
<tr>
<th>Months</th>
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<th>2</th>
<th>3</th>
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<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>&gt;12</th>
<th>not specified</th>
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</thead>
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<td>2</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3</td>
</tr>
</tbody>
</table>

N° of answers