Fourth European Workshop on
Standardized Procedure for the Inspection of Sprayers in Europe
-SPISE 4-
27 to 29 March 2012 – Lana (Italy)
Standardized Procedure for the Inspection of Sprayers in Europe

Contents

- Introduction   Company Herbert Dammann GmbH
- Inspection of sprayers
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Introduction: Herbert Dammann GmbH

- Production since 1968
- ca. 130 employee

- Founded 15. März 1979
- 2006 new production facility
- Manager since 2011: Nadine Dammann

Session 1: 4. Inspection of new sprayers before delivering

March 2012 Dipl.-Ing. Frank von Bargen  
SPISE 4, 27 to 29 March 2012 Lana (Italy)
Location: Herbert Dammann GmbH

Session 1.4: Inspection of new sprayers before delivering

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Location: Herbert Dammann GmbH
**Inspection of sprayers**

- Mandatory inspection since 1993
- Before voluntary control
- Control station must be accepted by officials
- Employees are special trained and accepted
- Regulare intervall of controls by officials
Inspection of sprayers

Merkmale 1-3.2.1- Features for Testing
FieldSprayers and Air-assisted Sprayers already in use
EN13790-1 FieldSprayers
EN13790-2 Air-assisted sprayers for bush and tree crops
-1. Drive
-2. Pump
-3. Agitor
-4. Spray liquid tank
-5. Valves
-6. Pipe system
-7. Filter
-8. Sprayboom
-9. Nozzles
-10. Fan
-11. Other equipment
Reduction of tests für new equipment
New unit is defined as: 6 months after commissioning
Inspection of sprayers

Merkmale 1-3.2.1 - Features for Testing
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**Session 1.4. Inspection of new sprayers before delivering**

**Kontrollstelle**
Herbert Dammann GmbH
Dorfstraße 17
21614 Buxtehude-Hedendorf

**Kontrollbericht Nr.**

DAMM/01-2012-13

- für Flächenkulturen
- für Raumkulturen
- Regelmäßige Prüfung
- 7 Abs. 2 PflSchV
- Weinbau
- Obstbau
- Hopfenbau

- Prüfung nach Ingebrauchnahme
(77 Abs. 3 PflSchV)

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Win-Win - Situation

Manufacture
- At the end of a production is always a control procedure
- Compliance with the design rules is assured in the current manufacturing and during test operations
- Marketing advantage

Customer
- Sprayer Ready-to-use
- No other immediate expenses / time / cost
- No „surprises“ with regard to design requirements
- Higher confidence to manufactures

General
- Control before use
- Test intervals from the start
- Only approved equipment in use
Example: How to do it

2. Pump

6. Pipesystem

9. Nozzles
Example: How to do it

Session 1:4. Inspection of new sprayers before delivering

2. Pump
Session 1: 4. Inspection of new sprayers before delivering

Example: How to do it

6. Pipesystem

9. Nozzles
Example: How to do it

End of inspection

Label:
Next inspection
Thank you