BTSF – Workshop Lecture 9 – Design of a training course for sprayer inspectors

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Objective : You have to design a 3 days* training course for future or existing sprayer inspectors. Select the topics you may find necessary and fill-in the table with relevant information (course duration, pedagogic modalities, documents).
*The duration of the training course is indicative and can be adjusted (increased) if justified.

Topic	Contents	Lecture/practical/else	Time (h)	Documents/
Regulatory aspects (EU and national implementation)	EC/128 2009 ISO 17020 Sprayer conformity status Legal aspects binding the inspector (ethics, neutrality, sincerity) Legal significance of the inspection sticker			
The sprayer inspection principles and methods	EN 13790 Parts 1-2 EN/ISO 16122 Parts 1-2-3-4			
Practice a sprayer inspection Can be divided in sub topics depending on sprayer type (…)Practice a sprayer inspection	Methodology : - visual inspection - measurements - manual check How to manage PTO aided operations Sensors & test bench	Ex. Practical		

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Can be divided in sub topics depending on sprayer type	Metrology Identify minor defaults and management of defaults requesting a new inspection Advices to farmers			
Sprayers and spraying	Sprayer technology, farmer usages, technical and environmental issues. Practical use of sprayer control units, displays or terminals.			
Sprayer calibration	Interests, practice and advice to farmers			
Data management and inspection report	Software providers, existing automatic reporting solutions			
Health & Safety aspects	PPE, ergonomic			
Evaluation 1 (written)	Regulation/principles			MCQ, video, photo
Evaluation 2…(practice)	The inspection in practice			