



Course title:

Safety and risk management for Autonomous Mobile Machinery (AMM) in UK agriculture & horticulture.

Cost: £60 plus vat

Suitable for:	
Staff employed by manufacturers testing, trialing or commissioning AMM	✓
Staff employed by distributors selling, trialling or commissioning AMM	✓
Business owner/managers responsible for AMM	✓
Site safety manager responsible for AMM safety	✓
AMM operator	✓
Staff working alongside AMMs	✗
Incidental staff (those employees who may come across an AMM by accident)	✗
Sectors covered:	
All agricultural businesses adopting AMM	✓
All horticultural businesses adopting AMM	✓
Livestock businesses adopting automated slurry and manure management	✓
Undercover crop producers	✓
Orchard growers	✓
Specialist crop producers using AMM eg hops, vineyards etc	✓
AMM types/functions	
Cultivators	✓
Crop management – planting, weeding	✓
Crop protection – spraying, light or laser treatments etc	✓
Crop monitoring	✓
Crop harvesting	✓
Driverless platforms – crop transport	✓
Robotic livestock feeders	✓
Slurry and manure handling	✓

Course overview:

A detailed look at safety and risk management processes in relation to British Standard BS 8646:2023 – Code of Practice (CoP) alongside general best practice advice for those testing, trialling or working with Autonomous Mobile Machinery in the UK.

This course is mainly aimed at those businesses and their staff working with autonomous mobile machinery, but will also be useful for manufacturers and distributors selling in the UK market. We explain how to achieve compliance with the new regulations to support those working with or thinking about adopting autonomous machinery.

The course provides an overview of the risk management process that businesses and those working alongside autonomous machines will need to consider. It also describes the steps necessary to improve safety by assessing the new hazards that autonomous machines pose. The course evaluates what best practice might look like and importantly, it highlights the obligations that employers and employees now have under the new Code of Practice.

You will learn how to distinguish between hazard and risk and how to apply each term when conducting a risk assessment. The course explains how to identify hazards when working with autonomous machines, how to assess the level of risk and how to establish the control measures to manage them.

We suggest using a PC or laptop and not to attempt the training on a mobile phone.

Lesson content:

LESSON 1

The impact of the CoP for employers and employees working with AMM and the legal consequences of ignoring compliance. The legal status of the CoP in the UK.

Understanding risk and identifying hazards.

A detailed look at how to manage risks when working with AMM – processes and practices; roles and responsibilities; training, validation and competency.

Traffic management, security, AMM settings and controls. Software and cyber security implications under the CoP.

LESSON 2

The risk assessment process - overview:

Identifying hazards – operating parameters and practices; the working environment; using data and assessment techniques.

Categories of risk.

LESSON 3

Step-by-step risk assessment for AMMs. A detailed look at

- Hazard identification
- Assessing who might be harmed and how
- Existing controls and new mitigations
- Controlling the risks
- Evaluating risk
- Risk assessment scoring mechanisms
- How to reduce risk
- Recording the risk assessment process
- Monitoring

Effective risk management – best practice

Assessment:

End of course online test.

20 multiple choice questions.

80% pass rate required (no limit to number of attempts)

Timings:

Depending on prior knowledge and experience, this course is expected to take two hours to complete.

Accreditation:

This course is accredited and approved by LANTRA one of the UK and Ireland's leading awarding bodies for training in the land-based industries. All learners will be registered on the LANTRA system for the purposes of awarding certificates upon completion.

Contributors:

The course has been created jointly by MWR Media Ltd, the owners of the website www.eioperator.com and FarmSafe Consulting



with the help and support of industry specialists.

The content of this course and the training materials provided are not designed to meet specific product or individual requirements and it is the responsibility of you and your employer to ensure you acquire the right skills to perform your specific role. This course is provided for general training purposes and should not be considered as a substitute for professional advice.