

Golf Course Greenkeeper

UNIT 12

Use and maintain ride-on powered equipment

Overview

The aim of this unit is to provide the learner with the knowledge, understanding and skills required to use and maintain ride-on powered equipment.

	Learner Outcomes		Assessment Criteria
	The learner will:		The learner can:
1	be able to set up, use and maintain ride-on powered equipment	1.1	ensure that the ride-on powered equipment is safe and in good working order through pre-use checks
		1.2	select and use the correct personal protective clothing and equipment
		1.3	set up and use ride-on powered equipment in accordance with the manufacturer's instructions and legal requirements
		1.4	maintain chippers and/or shredders in accordance with manufacturer's instructions
		1.5	identify any problems with the ride-on powered equipment and take appropriate action
		1.6	clean and store the equipment correctly after use
2	be able to work safely and minimise environmental damage	2.1	work in a way which maintains health and safety and is consistent with current legislation, codes of practice and any additional requirements
		2.2	carry out work in a manner which minimises environmental damage
		2.3	dispose of waste safely and correctly

3	know and understand how to use and maintain ride-on powered equipment	3.1	describe methods of checking and maintaining the equipment for use covering: <ul style="list-style-type: none"> • correct pre-use checks • correct start-up procedure • use appropriate work method • correct stopping procedure • correct post-use maintenance • reporting problems to the appropriate person
		3.2	list the main hazards and risks associated with using the ride-on powered equipment and describe appropriate action
		3.3	explain the importance of operating equipment in line with manufacturer's instructions
		3.4	describe the types of problems that may occur with the equipment and how to deal with each of these appropriately
4	know and understand the operating principles of powered equipment	4.1	describe the operating differences between two and four-stroke engines
		4.2	describe the principles of operating lines of drive – clutch, v-belts and chains
		4.3	describe the basic difference between petrol and diesel engines
5	know and understand the current health and safety legislation and environmental practice	5.1	outline the current health and safety legislation, codes of practice and any additional requirements
		5.2	describe how environmental damage can be minimised