

Golf Course Supervisor

UNIT 24

Maintain irrigation systems

Overview

The aim of this unit is to provide the learner with the knowledge, understanding and skills required for maintaining the efficient working of irrigation systems, which may be complex and non-routine.

	Learner Outcomes		Assessment Criteria
	The learner will:		The learner can:
1	be able to maintain irrigation systems	1.1	inspect and assess irrigation systems and surfaces according to agreed schedules
		1.2	identify problems with irrigation systems and arrange repairs where necessary
		1.3	ensure surroundings are in a tidy and undamaged condition following operations
		1.4	record inspections clearly, accurately and promptly
		1.5	maintain effective working relations with all relevant people throughout
2	be able to maintain the waste and environment	2.1	explain the adverse environmental impact and waste which may occur and how to minimise these
		2.2	keep unnecessary waste and unwanted impact on the environment to a minimum
3	know and understand how to design irrigation systems	3.1	explain the principles of design and construction of irrigation systems <ul style="list-style-type: none">• mobile• installed
4	know and understand how to maintain irrigation systems	4.1	explain the principles, methods and calculations relating to soil water management

		4.2	give a range of possible water sources and quality systems for irrigation
		4.3	explain the maintenance requirements for irrigation systems
		4.4	explain the different maintenance requirements of irrigation equipment
		4.5	compare the different irrigation requirements of turf surfaces
		4.6	describe the frequency and thoroughness of inspections to identify faults
		4.7	give a range of possible contingencies that may affect operations and how to handle these effectively
		4.8	identify the types of records required and the importance of accurate record keeping
5	know and understand and comply with current health and safety legislation and codes of practice	5.1	apply the principles and application of risk assessment
		5.2	summarise current health and safety legislation, codes of practice and any additional requirements