

Functional Map - Trees and Timber

Industry Key Purpose: To manage and maintain trees and support the production of timber

Key Area	Key Function	Activity	NOS Title	NOS Code	SSO
Manage the workforce and the organisation	Staff management	Manage work activities	Allocate and monitor work activities	LANCS58	Lantra
		Monitor staff performance	Monitor staff performance in your business	INSBE021	Instructus
		Maintain the workforce	Identify and secure the required skills for your business enterprise Recruit, induct and retain employees into their roles	INSBE019 INSML020	Instructus Instructus
		Develop staff	Support employees learning and development	INSML029	Instructus
	Business strategy, policy and planning	Manage business planning	Plan the direction of your business	INSBE004	Instructus
		Manage the business	Run a small business	INSBE028	Instructus
		Comply with legislation and other requirements	Manage the environmental and social impacts of your work	INSML039	Instructus
			Promote equality of opportunity, diversity and inclusion in your organisation	INSML008	Instructus
			Administer environmental legislation	LANTw32	Lantra
	Resources	Manage resources	Manage physical resources Produce and procure products and services from external suppliers	INSML038 INSML056	Instructus Instructus
		Manage the delivery and storage of resources	Take delivery of and store plants and planting materials	LANTw2	Lantra
		Select and manage suppliers	Select suppliers through a tendering process	INSML057	Instructus
	Finance	Manage cash flow	Identify your business financial requirements	INSBE031	Instructus
			Manage budgets	INSML037	Instructus
			Maintain budgets	LANCS109	Lantra
	Business improvement	Manage innovation and improvement	Assess, negotiate and secure sources of funding	LANCS44	Lantra
			Identify and evaluate opportunities for innovation and improvement	INSML015	Instructus
	Quality control	Manage quality systems	Identify and evaluate opportunities for innovation and improvement Optimise the use of technologies	INSML015 INSML040	Instructus Instructus
		Manage the quality of the product/service	Manage quality assurance systems Carry out and participate in quality audits	INSML053 INSML054	Instructus Instructus
	Projects and events	Manage projects and events	Evaluate and improve the quality of your products and services	INSBE003	Instructus
			Manage programmes of work or projects Organise a straight forward land-based project or event	INSNL045 LANCS45	Instructus Lantra
	Contracts	Tender for contracts	Prepare and negotiate proposals for contract work	LANCS47	Lantra
Maintain health, safety security and the environment	Hygiene and biosecurity	Maintain hygiene and bio security	Maintain site hygiene and biosecurity	LANCS61	Lantra
	Health, safety and security	Maintain health, safety and security	Maintain health, safety and security	LANCS2	Lantra
			Promote and monitor health, safety and security	LANCS3	Lantra
			Prepare and maintain a safe working site for treework operations	LANTw3	Lantra
		Deal with incidents and emergencies	Respond to incidents and emergencies in the land-based sector	LANCS11	Lantra
			Manage the initial response to incidents and emergencies in the land-	LANCS10	Lantra
			Prevent and control pollution incidents	LANTw4	Lantra
			Assist with vegetation fire suppression	LANCS93	Lantra
			Supervise and lead vegetation fire suppression operations	LANCS94	Lantra

Manage personal skills and development	>	Personal development	>	Improve your own skills and knowledge	>	Develop your knowledge, skills and competence to meet the requirements of your work	INSML002	Instructus
	>	Working relationships	>	Maintain productive working relationships	>	Lead meetings to achieve objectives	INSML034	Instructus
						Engage with the public	LANEnC1	Lantra
						Identify social and community forestry opportunities and activities	LANTw71	Lantra
Provide goods and services to customers						Establish and maintain working relationships	LANCS4	Lantra
	>	Marketing and promotion	>	Plan and evaluate marketing and promotion	>	Identify customer requirements for your business	INSBE025	Instructus
						Plan the promotion of your products and services	CFAMSSNS10	Instructus
						Develop plans to improve marketing and sales for the land-based business	LANCS46	Lantra
	>	Customer service	>	Maintain effective customer service	>	Deliver products and services to customers	INSML051	Instructus
	>	Sales	>	Plan sales activities	>	Evaluate markets for the sale of forest and woodland products and services	LANTw46	Lantra
Maintain, repair and use equipment and machinery						Sell products or services	CFASAL022	Instructus
	>	Equipment and machinery	>	Prepare and use equipment and machinery	>	Prepare and use equipment and machinery	LANCS35	Lantra
						Prepare and operate a powered vehicle	LANCS9	Lantra
						Prepare and operate a base machine with attachments	LANTw16	Lantra
						Maintain equipment and machinery		
Provide education and training						Carry out routine maintenance and repair of equipment and machinery	LANCS25	Lantra
						Carry out routine maintenance of chainsaw and cutting system	LANTw14	Lantra
	>	Education	>	Provide outdoor education	>	Organise resources and people for outdoor programmes	SKAODP13	Skills Active
						Develop outdoor programmes	SKAODP7	Skills Active
						Facilitate and deliver outdoor programmes	SKAODP8	Skills Active
						Facilitate participant's investigation of the environment	SKAODP15	Skills Active
	>	Tree inspection	>	Identify, survey and inspect trees	>	Identify tree species and their properties	LANTw1	Lantra
						Carry out tree surveys and inspections	LANTw31	Lantra
						Manage tree harvesting and extraction operations	LANTw20	Lantra
						Forecast production of timber and other products and produce production plans	LANTw36	Lantra
						Compile and maintain a forest or woodland inventory	LANTw35	Lantra
						Measure and assess the volume of felled timber	LANTw38	Lantra
						Measure, mark and assess the volume of standing trees	LANTw37	Lantra
						Fell trees small trees using manually controlled equipment	LANTw9	Lantra
						Fell trees medium trees using manually controlled equipment	LANTw10	Lantra
						Fell trees large trees using manually controlled equipment	LANTw11	Lantra
						Fell trees and process trees mechanically	LANTw17	Lantra
						Process felled trees	LANTw15	Lantra
						Treat or remove tree stumps	LANTw21	Lantra
						Extract timber	LANTw18	Lantra
						Use horses for timber work	LANTw19	Lantra
						Manage arboriculture	LANTw30	Lantra
						Manage arboriculture operations		
						Access trees by climbing to carry out treework operations	LANTw23	Lantra
Treework operations						Carry out aerial tree rigging	LANTw24	Lantra
						Carry out aerial cutting of trees using a crane	LANTw26	Lantra
						Carry out aerial tree pruning operations	LANTw25	Lantra
						Install and maintain structural supports for trees	LANTw27	Lantra
						Support colleagues undertaking aerial treework operations	LANTw22	Lantra

Manage trees and timber activities	>		>		Carry out aerial rescues	LANTw29	Lantra
		>	Undertake specialist treework operations	Clear uprooted or windblown trees using a chainsaw	LANTw12	Lantra	
				Carry out emergency treework	LANTw13	Lantra	
				Carry out utility arboriculture	LANTw28	Lantra	
	>	Tree planting and aftercare	>	Plant and establish trees and woodland	Design and plan a forest or woodland	LANTw33	Lantra
					Plant and establish trees	LANTw7	Lantra
					Manage tree planting and establishment operations	LANTw8	Lantra
	>	Site maintenance	>	Maintain health of trees and woodland	Develop a woodland management plan	LANTw34	Lantra
					Maintain the health and condition of trees and woodland	LANTw5	Lantra
					Prepare and apply plant protection products to control weeds, pests, diseases or disorders	LANCS31	Lantra
					Create and maintain open drainage systems	LANTw6	Lantra
			>	Manage sites	Conduct site assessments in the land-based and environmental sector	LANCS39	Lantra
					Evaluate options for the development of sites in the land-based and environmental sector	LANCS40	Lantra
					Identify and assess rural land use	LANCS70	Lantra
					Plan and manage the development of sites in the land-based and environmental sector	LANCS41	Lantra
					Identify rural business opportunities	LANCS71	Lantra
					Manage sites in the land-based and environmental sector	LANCS42	Lantra
					Protect land-based sites	LANCS99	Lantra
					Deal with litter, waste and pollution incidents	LANCS98	Lantra
			>	Control vertebrate pests	Control vertebrate pests and predators using traps	LANCS78	Lantra
					Control vertebrate pests and predators by shooting	LANCS79	Lantra
					Control vertebrate pests populations using chemical means	LANCS84	Lantra
					Stalk and cull deer	LANGa17	Lantra
			>	Maintain infrastructure	Create and maintain site infrastructure and assets	LANCS110	Lantra
					Lay a hedge	LANTw48	Lantra
			>	Manage habitats	Carry out work to create, restore or manage habitats	LANCS36	Lantra
					Plan and oversee work to create, restore or manage habitats	LANCS37	Lantra
					Establish, monitor and maintain livestock on outdoor sites	LANLP9	Lantra
					Conduct field surveys	LANEnC4	Lantra
					Analyse data from field surveys and report findings	LANEnC5	Lantra
	>	Green wood and coppicing	>	Manage coppice	Cut, process and extract coppice	LANTw41	Lantra
					Evaluate viability and plan for coppice management	LANTw39	Lantra
					Maintain coppice health and productivity	LANTw40	Lantra
			>	Produce wood fuel and charcoal	Produce wood fuel products in a woodland or forest	LANTw44	Lantra
					Produce charcoal in a woodland	LANTw45	Lantra
			>	Produce green wood or coppice products	Design and produce green wood or coppice products	LANTw43	Lantra
					>	Use and maintain tools and devices	Build and maintain tools and devices used to process coppice and green wood products