

Functional Map - Trees and Timber

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

Key Area	Key Function	Function	Activity/NOS Title	NOS Code	SCC
Manage the workforce and the organisation	Staff management	Manage work activities	Allocate work and check people's performance Provide leadership in your area of responsibility	COSVR713 CFAM&LBA2	Construction Skills Skills CFA
		Manage multicultural staff	Manage a multicultural team	CFAWS4	Skills CFA
		Maintain the workforce	Recruit, select and retain people	CFAM&LDA2	Skills CFA
		Develop staff	Support individuals' learning and development	CFAM&LDC2	Skills CFA
	Business strategy, policy and planning	Manage business planning	Plan where your business is going Review the skills your business needs Carry out a review of your business	CFABD3 CFAOP1 CFABD4	Skills CFA Skills CFA Skills CFA
		Manage the business	Carry out plans for your business	CFABD5	Skills CFA
		Comply with legislation and other requirements	Ensure compliance with legal, regulatory, ethical and social requirements	CFAM&LBB4	Skills CFA
			Promote equality of opportunity, diversity and inclusion in your area of responsibility	CFAM&LBA7	Skills CFA
			Administer environmental legislation	LANTw73	Lantra
	Resources	Manage resources	Manage physical resources Procure products and/or services	CFAM&LEB3 CFAM&LED2	Skills CFA Skills CFA
		Manage the movement and storage of resources	Take delivery of and store plants and materials	LANTw13	Lantra
		Select and manage contractors	Prepare specification for contracts	CFABAF132	Skills CFA
			Monitor and evaluate contracts	CFABAF121	Skills CFA
	Invite tenders and select contractors		CFABAF111	Skills CFA	
	Finance	Manage cash flow	Manage cash flow in your business Manage budgets	CFAMN4 CFAM&LEA4	Skills CFA Skills CFA
		Maintain financial systems and records	Keep financial records for your business	CFAMN3	Skills CFA
		Obtain finance	Decide on your financial needs	CFAMN1	Skills CFA
			Get finance for your business	CFAMN7	Skills CFA
			Set and monitor financial targets for your business	CFAMN2	Skills CFA
	Plan and gain resources and funding for sustainability through Community Development practices		JETSCD21	JETS	
	Assess, negotiate and secure sources of funding	LANCS44	Lantra		
	Business improvement	Manage innovation and improvement	Identify and evaluate opportunities for innovation and improvement	CFAM&LCA1	Skills CFA
	Information and communication	Share information	Participate in meetings Lead meetings to achieve objectives	CFAM&LD12 CFAM&LDD6	Skills CFA Skills CFA
		Store information	Compile and maintain a forest or woodland inventory	LANTw68	Lantra
		Work with the local community	Get to know a community	JETSCD07	JETS
			Facilitate community research and consultation	JETSCD08	JETS
			Analyse and disseminate findings from community research	JETSCD09	JETS
			Support inclusive and collective working	JETSCD06	JETS
			Strengthen the organisational development of groups	JETSCD22	JETS
			Monitor and evaluate community development activities	JETSCD23	JETS
			Consult and work with the local community	LANEnC2	Lantra
			Investigate community and social forest opportunities and activities	LANTw71	Lantra
Promote responsible public use of outdoor sites	LANEnC1	Lantra			
Quality control	Manage quality systems	Manage quality assurance systems Prepare for and participate in quality audits Carry out quality audits	CFAM&LFE1 CFAM&LFE3 CFAM&LFE4	Skills CFA Skills CFA Skills CFA	
	Manage the quality of the product/service	Improve the quality of product or service	CFABD7	Skills CFA	
	Manage projects	Plan, run and evaluate projects	CFABAA152	Skills CFA	
Projects and events	Manage events and activities	Research and prepare environmental interpretive activities Organise a straight forward land-based project or event	LANEnC29 LANCS45	Lantra Lantra	
	Contracts	Tender for contracts	Develop, negotiate and agree proposals to offer land-based services and products	LANCS47	Skills CFA
Maintain health, safety security and the environment	Environmental good practice and sustainability	Promote environmental good practice	Develop an environmental policy	LANEM1	Lantra
			Evaluate and make recommendations on an environmental policy	LANEM2	Lantra
			Identify and demonstrate compliance with environmental, legal and other non-regulatory environmental requirements for the organisation	LANEM4	Lantra
			Develop an awareness of environmental good practice	LANEM15	Lantra
			Identify and evaluate significant environmental aspects and impacts for the organisation	LANEM3	Lantra
			Review environmental performance	LANEM5	Lantra
			Improve environmental performance	LANEM6	Lantra
	Assess the environmental impact of your business	CFALG5	Skills CFA		
	Health, safety and security	Maintain health, safety and security	Monitor and maintain health, safety and security	LANCS2	Lantra
			Promote, monitor and maintain health, safety and security	LANCS3	Lantra
			Provide a safe, healthy and secure work environment	LANCS80	Lantra
			Prepare and maintain a safe working site for treework operations	LANTw14	Lantra
		Deal with incidents and emergencies	Respond to incidents in the land-based sector	LANCS11	Lantra
			Manage incidents and emergencies in the land-based sector	LANCS10	Lantra
Control pollution incidents			LANTw2	Lantra	
Assist with forest and moorland fire fighting	LANTw74	Lantra			
Contribute to the management of forest and moorland fire fighting	LANTw75	Lantra			
Manage personal skills and development	Personal development	Improve your own skills and knowledge	Agree how to manage and improve own performance in a business environment	CFABAA625	Skills CFA
			Manage and be accountable for own performance in a business environment	CFABAA627	Skills CFA
	Personal skills	Maintain and use personal skills	Use information to take effective decisions	CFAM&LEC5	Skills CFA
	Working relationships	Maintain productive working relationships	Give customers a positive impression of yourself and your organisation	CFACSA4	Skills CFA
			Establish and maintain working relationships with others	LANCS4	Lantra
			Check what customers need from your business	CFAWB1	Skills CFA



Provide goods and services to customers	Marketing and promotion	Plan and evaluate marketing and promotion	Plan how to let your customers know about your products and services	CFAWB2	Skills CFA
			Forecast production of forest and woodland products and produce production plans	LANTw69	Lantra
	Customer relations	Maintain effective customer relations	Develop plans to improve your marketing and sales for the land-based business	LANCS46	Lantra
			Advertise your products and services	CFAWB4	Skills CFA
	Sales	Plan sales activities	Plan how you will sell your products or services	CFAWB3	Skills CFA
			Evaluate markets for the sale of forest and woodland products and services	LANTw62	Lantra
	Sell products or services	Sell your products or services	CFAWB5	CFA	
		Process customer orders and payments	CFASAL022	CFA	
Maintain, repair and use equipment and machinery	Equipment and machinery	Prepare and use equipment and machinery	Prepare and use equipment and machines	LANCS35	Lantra
			Maintain equipment and machinery ready for use	Build and maintain tools and devices used to process coppice and green wood products	LANTw55
		Maintain edged hand tools and sharpen cutting edges		LANTw54	Lantra
		Carry out routine maintenance of chainsaw and cutting system	LANTw19	Lantra	
		Carry out routine maintenance and repair of equipment and machinery	LANCS25	Lantra	
Provide education and training	Learning and development	Prepare and deliver training	Identify collective learning and development needs	LSILADD01	LSIS
			Plan and prepare specific learning and development opportunities	LSILADD04	LSIS
			Facilitate individual learning and development	LSILADD07	LSIS
			Engage and support learners in the learning and development	LSILADD08	LSIS
			Assess learner achievement	LSILADD09	LSIS
	Education	Provide outdoor education	Deliver environmental interpretative activities	EnC30	Lantra
			Organise resources and people for outdoor programmes	SKAOP2	Skills Active
			Facilitate educational opportunities in the outdoors	SKAOP7	Skills Active
			Develop outdoor education programmes	SKAOP6	Skills Active
			Develop outdoor recreation programmes	SKAOP10	Skills Active
Facilitate outdoor recreation	SKAOP11	Skills Active			
Facilitate and deliver adventurous experiences	SKAOP20	Skills Active			
Facilitate participant's understanding and investigation of the environment	SKAOP21	Skills Active			
Manage trees and timber activities	Tree inspection	Carry out Visual Tree Assessments (VTA)	Identify tree species	LANTw1	Lantra
			Identify tree species and their properties	LANTw76	Lantra
			Carry out site surveys and communicate your findings	LANTw64	Lantra
			Survey and inspect the condition of trees	LANTw65	Lantra
	Treework operations	Manage harvesting	Manage tree harvesting and extraction operations	LANTw50	Lantra
			Measure and assess felled timber volume and quality	LANTw67	Lantra
			Select, mark and assess volume of standing trees	LANTw66	Lantra
		Fell and process trees	Fell small trees using a chainsaw	LANTw20	Lantra
			Fell large trees using a chainsaw	LANTw78	Lantra
			Prepare and operate a base unit with attachments	LANTw79	Lantra
			Fell trees mechanically	LANTw38	Lantra
			Cross-cut timber using a chainsaw	LANTw22	Lantra
			Sever uprooted or windblown trees using a chainsaw	LANTw24	Lantra
			Use a pole mounted tree pruner	LANTw26	Lantra
			Remove branches from felled trees using a chainsaw	LANTw21	Lantra
			Take down hung up trees	LANTw23	Lantra
			Carry out assisted tree felling operations	LANTw25	Lantra
			Treat or remove tree stumps	LANTw16	Lantra
			Extract wood and wood products using small motorised equipment	LANTw43	Lantra
			Extract timber using mechanically powered winches	LANTw42	Lantra
			Extract wood products by cable crane	LANTw45	Lantra
			Process felled trees mechanically	LANTw39	Lantra
			Choker timber for extraction	LANTw44	Lantra
			Attach and detach timber onto a skidder	LANTw46	Lantra
		Operate a grapple loader	LANTw47	Lantra	
		Process timber using hand-fed machinery	LANTw40	Lantra	
		Process timber using large loader-fed machinery	LANTw41	Lantra	
		Process arisings from treework operations	LANTw15	Lantra	
		Undertake aerial operations	Access trees through climbing to carry out arboricultural operations	LANTw77	Lantra
			Carry out aerial cutting of trees using free-fall techniques	LANTw30	Lantra
Carry out aerial tree rigging			LANTw31	Lantra	
Carry out aerial cutting of trees using a crane			LANTw32	Lantra	
Carry out aerial tree pruning operations	LANTw29		Lantra		
Support colleagues undertaking off-ground treework operations	LANTw27	Lantra			
Carry out aerial rescue operations	LANTw28	Lantra			
Undertake specialist treework operations	Prepare for and agree emergency treework operations	LANTw17	Lantra		
	Carry out emergency treework operations	LANTw18	Lantra		
	Carry out vegetation management in proximity to above ground utilities	LANTw34	Lantra		
	Supervise utility arboriculture operations in proximity to above ground utilities	LANTw35	Lantra		
	Survey vegetation adjacent to above ground utilities to identify required maintenance	LANTw36	Lantra		
Carry out vegetation management in proximity to underground utilities	LANTw37	Lantra			
Planting and aftercare	Plant trees and woodlands	Design and plan a forest or woodland	LANTw72	Lantra	
		Clear sites for planting	LANTw3	Lantra	
		Prepare sites for planting	LANTw4	Lantra	
		Plant trees	LANTw6	Lantra	
		Select and transplant large root-balled trees	LANTw9	Lantra	
		Manage tree establishment and maintenance operations	LANTw7	Lantra	
	Lay a hedge	LANTw61	Lantra		
	Maintain trees following planting	Install and maintain structural supports for trees	LANTw33	Lantra	
		Carry out post planting tree protection and maintenance	LANTw10	Lantra	
	Maintain health of trees and woodland	Control unwanted vegetation	LANTw11	Lantra	
Carry out management of planted areas		LANH20	Lantra		
Ameliorate soil for tree health		LANTw12	Lantra		
Manage specimen trees		LANTw70	Lantra		

	Site maintenance	Manage sites	Evaluate options for the development of sites in the land-based and environmental sector	LANCS40	Lantra
			Plan and manage the development of sites in the land-based and environmental sector	LANCS41	Lantra
			Identify and assess rural land use	LANCS70	Lantra
			Manage sites in the land-based and environmental sector	LANCS42	Lantra
			Identify rural business opportunities	LANCS71	Lantra
		Develop a woodland management plan	LANTw63	Lantra	
		Control pests, diseases and disorders	Control vertebrate pests and predators using traps	LANCS78	Lantra
			Control vertebrate pests and predators by shooting	LANCS79	Lantra
			Control vertebrate pest populations using chemical means	LANCS84	Lantra
			Stalk and cull deer	LANGa17	Lantra
			Identify the presence of pests, diseases and disorders	LANCS29	Lantra
			Control unwanted pests, diseases, disorders and unwanted vegetation	LANCS54	Lantra
			Arrange management of invasive or harmful species	LANCS76	Lantra
		Maintain infrastructure	Co-ordinate the control of pests, diseases and disorders	LANCS30	Lantra
			Prepare and apply chemicals to control pests and diseases	LANCS31	Lantra
	Construct paths or surfaces		LANCS16	Lantra	
	Maintain and repair paths and surfaces		LANCS17	Lantra	
	Construct boundaries or access points		LANCS20	Lantra	
	Manage habitats	Maintain boundaries or access points	LANCS21	Lantra	
		Create an open drainage system	LANTw5	Lantra	
Maintain open drainage systems		LANTw6	Lantra		
Carry out work to create or manage habitats		LANCS36	Lantra		
Greenwood trades and coppicing	Manage coppice	Plan and oversee work to create or manage habitats	LANCS37	Lantra	
		Survey and report on the condition of the environment	LANEnc3	Lantra	
		Conduct site assessments in the land-based and environmental sector	LANCS39	Lantra	
	Produce wood fuel and charcoal	Cut, process and extract coppice	LANTw53	Lantra	
		Process coppice materials and green wood products	LANTw56	Lantra	
	Produce greenwood products	Plan and evaluate for coppice management	LANTw51	Lantra	
		Maintain coppice health and productivity	LANTw52	Lantra	
	Use of horses	Use horses for timber work	Produce wood fuel products in a woodland or forest	LANTw59	Lantra
			Produce charcoal in a woodland	LANTw60	Lantra
			Design greenwood products or components	LANTw57	Lantra
		Construct green wood or coppice products to client's specification	LANTw58	Lantra	
		Handle, transport and prepare a horse for timber work	LANTw48	Lantra	
		Extract wood and wood products using a horse	LANTw49	Lantra	