Functional Map - Aquaculture

Industry key purpose: To manage, maintain and support the farming of certain types of freshwater and marine fin fish and shellfish.

Key Area	Key Function	Function	Activity/NOS Title	NOS Code	SSC
Manage the workforce and the organisation	Staff management	Manage work activities	Allocate work to team members	CFAM&LDB2	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	CFABD3	Skills CFA
			Develop operational plans	CFAM&LBA9	Skills CFA
		Manage the business	Implement operational plans	CFAM&LFA2	Skills CFA
	Resources	Manage resources	Manage the effective use of resources	SFJEFSM12	Skills for Justice
			Procure products and/or services	CFAM&LED2	Skills CFA
		Select and manage contractors	Support contractors to enable them to achieve objectives	LANCS81	Lantra
	Finance	Manage budgets	Manage budgets	CFAM&LEA4	Skills CFA
	Contracts	Tender for contracts	Develop, negotiate and agree proposals to offer land-based services and products	LANCS47	Lantra
	Quality control	Manage quality systems	Manage quality assurance systems	CFAM&LFE1	Skills CFA
Maintain health, safety, security and the environment	Health, safety and security	Maintain health, safety and security	Provide healthy, safe, secure and productive working environments and practices	CFAM&LEB1	Skills CFA
			Provide a safe, healthy and secure working environment	LANCS80	Skills CFA
			Work safely in an aquatic environment	LANAqu37	Lantra
		Deal with incidents and emergencies	Take personal emergency action on board a vessel	MSAA11	MSA
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
			Plan how to manage and improve own performance in a business environment	CFABAA626	Skills CFA
			Manage and be accountable for own performance in a business environment	CFABAA627	Skills CFA
			Improve your business skills	CFAYS3	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	Establish and maintain working relationships with others	LANCS4	Lantra
Provide goods and services to customers	Marketing and promotion	Plan and evaluate marketing and promotion	Develop plans to improve your marketing and sales for the land-based business	LANCS46	Lantra
Use, maintain and repair equipment and machinery	Equipment and machinery	Prepare and use equipment and machinery	Prepare and use equipment and machines	LANCS35	Lantra
			Prepare and operate small craft	LANCS56	Lantra
			Lift, transfer and position loads	LANCS60	Lantra
		Maintain equipment and machinery ready for use	Maintain equipment and machines	LANCS25	Lantra
		Support operations on board ship	Support fishing operations	MSAD01	MSA
			Support catch handling and stowage operations	MSAD02	MSA
			Prepare fishing gear	MSAD04	MSA
			Operate fishing gear	MSAD05	MSA

			Handle and stow the catch	MSAD06	MSA
		> Transport fish/shellfish >	Prepare for the transport of live fish/shellfish	LANAqu19	Lantra
			Transport live fish/shellfish	LANAqu20	Lantra
		> Maintain fish/shellfish health and welfare >	Monitor fish/shellfish health and welfare	LANAqu13	Lantra
			Prepare and treat health problems in fish	LANAqu14	Lantra
			Control the implementation of fish treatments	LAMAqu26	Lantra
			Develop and manage implementation of the site fish health plan	LANAqu33	Lantra
			Carry out sampling operations in life sciences and related industries	COGLS215	Cogent
		> Provide feed to fish >	Feed fish	LANAqu6	Lantra
			Control feeding regimes for fish	LANAqu21	Lantra
			Plan and manage fish feeding regimes	LANAqu28	Lantra
		> Maintain production >	Prepare holding units to receive fish	LANAqu1	Lantra
			Stock fish/shellfish into holding units	LANAqu2	Lantra
			Prepare and gather live fish/shellfish	LANAqu3	Lantra
			Grade live fish/shellfish	LANAqu4	Lantra
	> Aquaculture production		Harvest fish	LANAqu5	Lantra
			Collect information on fish growth and development	LANAqu7	Lantra
			Control the production of farmed fish/shellfish for sale or transfer	LANAqu23	Lantra
			Manage the production of farmed fish/shellfish for sale or transfer	LANAqu30	Lantra
		> Maintain shellfish production >	Conduct shellfish depuration operations	LANAqu8	Lantra
			Deploy, monitor and maintain spat collectors	LANAqu9	Lantra
			Collect, sort and store spat	LANaqu10	Lantra
Maintain aquaculture operations			Control shellfish depuration operations	LANAqu25	Lantra
			Control spat collection	LANAqu24	Lantra
			Plan and manage shellfish depuration operations	LANAqu32	Lantra
			Plan and manage spat collection	LANAqu31	Lantra
		> Prepare and pack fish or shellfish >	Grade fish or shellfish by hand	FP105 & FP106	Improve
			Gut and clean fish by hand	FP125 & FP126	Improve
			Pack and ice fish or shellfish	FP113 & FP114	Improve
			Pack live shellfish for despatch	FP133 & FP134	Improve
		> Breed fish >	Collect fish eggs and milt and spawn fish	LANAqu15	Lantra
			Establish and maintain green egg incubation	LANAqu16	Lantra
			Prepare and maintain fish eggs in a hatchery	LANAqu17	Lantra
			Monitor and maintain juvenile fish in a hatchery	LANAqu18	Lantra
			Control fish/shellfish hatchery operations	LANAqu27	Lantra
			Plan and manage fish/shellfish hatchery production	LANAqu34	Lantra
	> Aquaculture environment	> Maintain the aquatic environment >	Carry out routine maintenance and repairs on aquaculture facilities	LANAqu11	Lantra
			Monitor the aquatic production environment for farmed fish/shellfish	LANAqu11	Lantra
			Control the aquatic production environment for farmed fish/shellfish	LANAqu22	Lantra
			Manage the aquatic production environment for farmed fish/shellfish	LANAqu29	Lantra
			Manage containment on a fish farm	LANAqu36	Lantra
			Manage aquaculture recirculation systems	LANAqu35	Lantra
		> Control pests >	Control vertebrate pests and predators using traps	LANCS78	Lantra
			Control vertebrate pests and predators by shooting	LANCS79	Lantra