

Qualification Code

QG-04-AG-00307-2023-V1.1-ASCI

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

Agriculture Skill Council of India (ASCI)
6th floor, GNG Building, Plot No – 10, Sector- 44,
Gurugram, Haryana – 122004

Name and contact details of individual dealing with the submission

Name: Ms Priyanka Prakash

Position in the organisation: Senior Manager – Standards & QA

Address, if different from above

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List of documents submitted in support of the Qualifications File

1. Qualifications Pack – Annexure 1
2. Model Curriculum – Annexure 2
3. Affiliation Protocol- Annexure 3
4. Industry Validations- Annexure 4

Model Curriculum to be added which will include the following:

- Indicative list of tools/equipment to conduct the training
- Trainers qualification
- Lesson Plan
- Distribution of training duration into theory/practical/OJT component

SUMMARY

1	Qualification Title	Deep Sea Fisher
2	Qualification Code, if any	AGR/Q5004, v3.0
3	NCO code and occupation	NCO-2015/6223.0101
4	Nature and purpose of the qualification (Please specify whether qualification is short term or long term)	<p>Nature of the qualification</p> <ul style="list-style-type: none"> - a Qualification Pack (QP) <p>The main purpose of the qualification is - to train the incumbent for capturing a variety of deep-sea fish within the Exclusive Economic Zone (EEZ) on mechanized vessels of size less than 24m overall length (OAL). The individual is also responsible for processing and storing fish so that spoilage can be reduced.</p>
5	Body/bodies which will award the qualification	Agriculture Skill Council of India (ASCI)
6	Body which will accredit providers to offer courses leading to the qualification	Agriculture Skill Council of India (ASCI)
7	Whether accreditation/affiliation norms are already in place or not , if applicable (if yes, attach a copy)	Yes (Annexure 3)
8	Occupation(s) to which the qualification gives access	Capture Fisheries
9	Job description of the occupation	A Deep Sea Fisher captures fish in the deep sea within the Exclusive Economic Zone (EEZ) on mechanized vessels of size less than 24m overall length (OAL). The Deep Sea Fisher is also responsible for processing and storing fish so that spoilage can be reduced and the best fish is provided to the customer.
10	Licensing requirements	NA
11	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)	NA
12	Level of the qualification in the NSQF	Level 4

13	Anticipated volume of training/learning required to complete the qualification	Total: 390 hours (Theory: 90, Practical: 120, ES: 60, OJT: 120)
14	Indicative list of training tools required to deliver this qualification	Attached herewith
15	Entry requirements and/or recommendations and minimum age	<p>Minimum Educational Qualification: 12th grade pass OR Completed 2nd year of 3-year diploma (after 10th) and pursuing regular diploma OR 10th grade pass plus 2-year NTC OR 10th grade pass plus 1-year NTC plus 1 year NAC OR 8th pass plus 2-year NTC plus 1-Year NAC plus CITS OR 10th grade pass and pursuing continuous schooling OR 10th Grade Pass with 2-year relevant experience OR Previous relevant Qualification of NSQF Level 3.0 with minimum education as 8th Grade pass with 3- year relevant experience OR Previous relevant Qualification of NSQF Level 3.5 with 1.5- year relevant experience Min Age: 18 years</p>
16	Progression from the qualification (Please show Professional and academic progression)	Aquaculture Technical Supervisor (L5)
17	Arrangements for the Recognition of Prior learning(RPL)	<p>RPL assessment will be as per normal ASCI assessment process.</p> <p>(ASCI recognizes that there may be candidates who have prior learning experience in the Agriculture Sector and are desirous of being certified. Such candidates can apply to ASCI for testing and certification of their skills. Training Partners will be responsible for identifying and counselling candidates for RPL through mobilization camps and advertisements. The details of the RPL process have been defined by</p>

	ASCI under the document- Guidelines for Recognition of Prior Learning under PMKVY).				
18	International comparability where known (research evidence to be provided) Not done as yet				
19	Date of planned review of the qualification. 31/03/2025				
20	Formal structure of the qualification Mandatory components				
	Title of component and identification code/NOSs/Learning outcomes	Estimated size (learning hours)			Level
		Theory	Practical		
(i)	Introduction (Bridge Module)	5	0		
(ii)	AGR/N5011: Prepare for deep sea fishing activity	10	15		4
(iii)	AGR/N5012: Carry out deep sea fishing activity	10	20		4
(iv)	AGR/N5013: Store and market the captured fish	10	20		4
(v)	AGR/N5014: Carry out basic engine room and maintenance duties	15	15		4
(vi)	AGR/N5015: Carry out basic seamanship activities	15	15		4
(vii)	AGR/N5016: Store and preserve the captured deep sea fish	10	20		4
(viii)	AGR/N5103: Follow the safety and hygiene practices in capture fisheries operations	15	15		4
(ix)	DGT/VSQ/N0102: Employability Skills (60 Hours) v1.0	60			
	Total	150	120		
	OJT	120 HOURS			

SECTION 1

ASSESSMENT

21	<p>Body/Bodies which will carry out assessment:</p> <p>ASCI affiliated assessment bodies.</p> <ol style="list-style-type: none"> 1. SHL India (Pvt.) Ltd 2. Trendsetters Skill Assessors Pvt Ltd 3. Mercer-Mettl 4. SP Institute of Workforce Development (SPIWD) 5. MSAG SI LLP <p>More Assessment Agencies are being empanelled to cover wider geographical area</p>
22	<p>How will RPL assessment be managed and who will carry it out?</p> <p>RPL will be based on the same approved Qualification Pack and Assessment Criteria mentioned in the Qualification Pack and will be carried out as per normal ASCI assessment process. The Training Partner or any other authority as prescribed by the Steering Committee will identify and counsel candidates eligible for RPL through mobilization camps and advertisements. The mobilized candidates can be counselled, oriented about the standardized NSQF framework and basis their existing competency will be mapped against the suitable level of the concerned Job role for assessments. The candidates enrolled will be assessed by the Assessment Agency affiliated with the Sector Skill Council on the basis of assessment criteria decided by Sector Skill Council (SSC). The candidate will need to pass in the minimum assessment criteria of a particular QP decided by the SSC. Successfully assessed candidates with a valid Aadhaar or alternate ID (as per process) will be eligible for QP-NOS based Certification.</p>
23	<p>Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.</p> <p>A robust technology enabled assessment methodology has been designed keeping in mind the geographical/Physical constraints and target segment which assess a trainee's knowledge and skill set through three methods:</p> <ol style="list-style-type: none"> a. An offline Tablet based test through the use of Multiple-Choice Text and Picture based questions in vernacular languages b. Actual demonstration on the field c. Viva

ASCI's assessment strategy:

- Question sets are developed as per the weightage of each NOS of the Qualification Pack.
- Assessment criteria for each Qualification Pack developed, in which each Performance criteria (PC) assigned marks based on NOS
- Question Bank is developed to assess the theoretical and practical knowledge. To ensure the quality, each trainees get different set of question
- Empanelment of subject matter expert as assessor primarily from the Industry to assess trainee specifically on practical skills as per Industry demands

Assessments are preferably conducted on tablets or pen or papers in regional languages according to the requirement.

Please attach most relevant and recent documents giving further information about assessment and/or RPL.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

ASSESSMENT EVIDENCE

Complete a grid for each component as listed in “Formal structure of the qualification” in the Summary.

NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – i.e. Learning Outcomes to be assessed, assessment criteria and the means of assessment.

24. Assessment evidences

Title of Component:

Outcomes to be assessed/ NOSs to be assessed	Assessment criteria for the outcome
Means of assessment 1	
Pass/Fail	

Job Role: Deep Sea Fisher**Qualification Pack:** AGR/Q5004, v3.0**Sector Skill Council:** Agriculture Skill Council of India**Assessment Guidelines:**

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
6. To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

PC	Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
AGR/N5011: Prepare for deep sea fishing activity					
	<i>Select and prepare the fishing vessel</i>	10	16	-	10
PC1.	identify a mechanised vessel with the required capacity for deep sea fishing	-	-	-	-
PC2.	test various equipment on the fishing vessel to ensure they are working as expected	-	-	-	-
	<i>Ensure compliance with the regulatory requirements and select the route</i>	8	8		8
PC3.	ensure that the fishing permits, license and other necessary documents for the boat and equipment being used for deep sea fishing meet the applicable requirements	-	-	-	-

PC4.	select the route for deep sea fishing and mark it on the map	-	-	-	-
	<i>Arrange and check the equipment and other resources</i>	12	16	-	12
PC5.	check for the availability and condition of the first aid kit, safety and Personal Protective Equipment (PPE)	-	-	-	-
PC6.	replace the worn-out or damaged safety equipment and PPE	-	-	-	-
PC7.	arrange the anchor and supporting equipment along with food, drinking water, ice and fuel as per the requirement	-	-	-	-
PC8.	arrange for the safe and hygienic storage of food, water, ice, fuel and fish on the vessel	-	-	-	-
PC9.	select crew for the deep sea fishing operation, ensuring they are physically fit	-	-	-	-
PC10.	test the fish finding, navigation and communication equipment to ensure they are in working order	-	-	-	-
PC11.	arrange the fishing net, rod, longline gear materials, live baits and other accessories required for deep sea fishing	-	-	-	-
NOS Total		30	40		30
AGR/N5012: Carry out deep sea fishing activity					
	<i>Perform deep sea fishing activity</i>	12	18	-	16
PC1.	assess the weather condition before venturing for deep sea fishing	-	-	-	-
PC2.	operate the fishing vessel and follow the selected route for deep sea fishing	-	-	-	-
PC3.	maintain contact with the coast guard and follow their instructions	-	-	-	-
PC4.	locate the fishing grounds using the fish finding equipment with an adequate quantity of fish	-	-	-	-
PC5.	anchor the fishing vessel at the identified location	-	-	-	-

PC6.	use an appropriate fishing method depending on the area and the species of fish being targeted	-	-	-	-
PC7.	use an appropriate type of bait depending on the species of targeted fish and the selected fishing method for catching fish	-	-	-	-
PC8.	prepare the deck for hauling the catch	-	-	-	-
PC9.	catch the fish as per the standard procedure, taking the applicable safety precautions	-	-	-	-
PC10.	transfer the catch from the fishing gear to the fishing vessel without damage to the fish	-	-	-	-
	<i>Carry out sorting and grading of the catch</i>	10	10	-	8
PC11.	Carry out the sensory evaluation of the catch	-	-	-	-
PC12.	record the sensory evaluation data as per the Quality Index Method (QIM)	-	-	-	-
PC13.	carry out the descriptive test on a sample to determine the quality of the catch	-	-	-	-
PC14.	analyse the results and sort the fish according to the results of the descriptive test	-	-	-	-
PC15.	grade the catch using the appropriate graders or manually, on relevant grading parameter	-	-	-	-
	<i>Preserve, store and unload the fish</i>	8	12	-	6
PC16.	gut the fish to preserve it for a long duration of time	-	-	-	-
PC17.	the gutted fish to remove blood and contaminants from its skin and gills	-	-	-	-
PC18.	store the catch in hygienic conditions on the board, maintaining the recommended temperature to protect it from contamination	-	-	-	-
PC19.	unload the fish safely from the fishing vessel on return to the port	-	-	-	-
PC20.	maintain the record of the catch unloaded at the port				

	NOS Total	30	40	-	30
AGR/N5013: Store and market the captured fish					
	<i>Store the fish</i>	16	24	-	18
PC1.	prepare a hygienic storage area for storing the captured fish	-	-	-	-
PC2.	arrange the appropriate containers/ drums to store the fish	-	-	-	-
PC3.	ensure the storage has the recommended temperature and humidity for storing the species of captured fish	-	-	-	-
PC4.	store the fish in the storage ensuring no damage to it	-	-	-	-
	<i>Market the fish</i>	14	16	-	12
PC5.	analyse market rate for the quality of captured fish	-	-	-	-
PC6.	set a price for the fish according to the market rate and its quality	-	-	-	-
PC7.	identify potential market/ aggregators/ buyers of the captured fish	-	-	-	-
PC8.	negotiate the price with the aggregators/ buyers and accept order according to the available stock of fish	-	-	-	-
PC9.	arrange a safe mode of transport to deliver fish to the aggregators/ buyers	-	-	-	-
PC10.	collect payment using an appropriate electronic payment method	-	-	-	-
PC11.	calculate the benefit-cost (B:C) ratio	-	-	-	-
PC12.	maintain the record of sale and payment in the physical registers and/ or the relevant computer application	-	-	-	-
	NOS Total	30	40	-	30
	AGR/N5014: Carry out basic engine room and maintenance duties				

NSQF QUALIFICATION FILE

Approved in 17th NSQC Meeting-NCVET- Dated- 31/03/2022

Approved on file dated 07.02.2023

	<i>Carry out basic engine room operations</i>	8	6	-	8
PC1.	check the work instructions and schedule received from the engine room in-charge	-	-	-	-
PC2.	assist in safe and efficient operation of the propulsion machinery and auxiliary equipment	-	-	-	-
PC3.	Follow the applicable safety instructions while working on electrical equipment and the engine's moving parts including operating and controlling the engine power and speed	-	-	-	-
	<i>Carry out repair and maintenance activities</i>	10	14	-	10
PC4.	collect the relevant Personal Protection Equipment (PPE) and hand/ power tools and equipment from the designated storage	-	-	-	-
PC5.	examine the machinery for the recommended pressure, flow and adequacy of lubricant	-	-	-	-
PC6.	check the standby equipment for repair and maintenance requirements	-	-	-	-
PC7.	check the joints are secured tightly and have no leakages	-	-	-	-
PC8.	check the pressure and temperature gauges for the correct functioning	-	-	-	-
PC9.	check ballast, slops, stowage and security of the engine room stores	-	-	-	-
PC10.	clean rust, oil paint, grease, salt and dirt from the surface of the vessel and its machinery	-	-	-	-
PC11.	carry out lubrication of the relevant engine parts and equipment using a grease gun as per the lubrication schedule	-	-	-	-
PC12.	clean strainers and filters in various systems	-	-	-	-
PC13.	carry out maintenance of the fuel injector and fuel injection pump	-	-	-	-

PC14.	maintain the cleanliness of the engine and auxiliary units	-	-	-	-
PC15.	maintain the recommended level of fuel and water in the engine	-	-	-	-
PC16.	follow the recommended procedures in case of abnormal smoke, abnormal pressure, temperature, sound etc.	-	-	-	-
PC17.	use the relevant hand and power tools such as per the manufacturer's instruction	-	-	-	-
PC18.	carry out minor carpentry, plumbing and electricity-related work as required	-	-	-	-
PC19.	apply paint on the vessel surface as required	-	-	-	-
PC20.	carry out minor repair and maintenance of the tools and equipment as per the manufacturer's instructions and maintenance schedule	-	-	-	-
PC21.	report any complex repair and maintenance needs to the in-charge	-	-	-	-
PC22.	maintain cleanliness in the work area	-	-	-	-
PC23.	maintain the record of repair and maintenance activities	-	-	-	-
	<i>Optimise resource utilisation</i>	4	6	-	4
PC24.	optimise the usage of water/ electricity/materials in various tasks/ processes	-	-	-	-
PC25.	connect the electrical tools and equipment safely and turn them off when not in use	-	-	-	-
PC26.	plug any water leakages to prevent the wastage of water	-	-	-	-
	<i>Carry out waste management</i>	2	6	-	2
PC27.	segregate waste into appropriate categories	-	-	-	-
PC28.	recycle the recyclable waste appropriately and dispose the non-recyclable waste in an environment-friendly manner	-	-	-	-

	<i>Practice inclusion at work</i>	6	8	-	6
PC29.	adopt gender-neutral behaviour at work	-	-	-	-
PC30.	empathise with the Persons with Disabilities(PwD)	-	-	-	-
	NOS Total	30	40	-	30
AGR/N5015: Carry out basicseamanship activities					
	<i>Carry out mooring</i>	12	14		8
PC1.	check the mooring plan after obtaining it from the in-charge	-	-	-	-
PC2.	check the condition of the messenger line, heaving line, stopper and mooring ropes	-	-	-	-
PC3.	clean the non-slip mooring deck and snap-back zone	-	-	-	-
PC4.	signal to the linesman as per the SOP when sending heaving line ashore	-	-	-	-
PC5.	lay out the mooring rope, maintaining the recommended level of stress	-	-	-	-
PC6.	prepare heaving line and stopper and arrange a standby spare heaving line	-	-	-	-
PC7.	control the mooring rope speed when paying out/ heaving up	-	-	-	-
PC8.	create various knots, bends, hitches and whipping on ends of the rope, and various splices of ropes, as required	-	-	-	-
	<i>Carry out rigging</i>	8	8		8
PC9.	use knotting, splicing and stoppers for rigging	-	-	-	-
PC10.	rig and unrig safety nets, rat guards, Bosun's chair, pilot ladders securely	-	-	-	-
PC11.	place blocks and tackles on the vessel to secure the fish and equipment	-	-	-	-
	<i>Carry out the watch-keeping activities</i>	10	18		14
PC12.	takeover the bridge activity	-	-	-	-
PC13.	carry out surveillance duty at the vessel	-	-	-	-
PC14.	identify changes in weather conditions, obstacles and possible collisions in the course	-	-	-	-

PC15.	identify other vessels in operation using the Automatic Identification System (AIS)	-	-	-	-
PC16.	identify and report the sound, light and flag signals pertaining to the vessel's operations and manoeuvres	-	-	-	-
PC17.	assess the values displayed in the Global Positioning System (GPS) device and radar	-	-	-	-
PC18.	identify the location of the vessel on a map by reading the latitude and longitude	-	-	-	-
PC19.	observe the direction of the vessel's head on a gyrocompass and magnetic compass periodically	-	-	-	-
PC20.	observe the waves and swell and estimate the water state as per the Beaufort scale	-	-	-	-
PC21.	interpret the thermometer, barometer, hygrometer readings	-	-	-	-
PC22.	identify navigational lighthouses, buoys and shapes	-	-	-	-
PC23.	hoist combination of flags and signs using halyards, as required	-	-	-	-
PC24.	identify different geographies and locations on the chart	-	-	-	-
PC25.	report any abnormal sighting or sound to the relevant authority	-	-	-	-
PC26.	follow the emergency response protocol to raise alarm and warn about potential emergencies	-	-	-	-
PC27.	record the bridge activity, observations and communicate to the relevant authority	-	-	-	-
PC28.	handover the duties along with the required details to the reliever	-	-	-	-
	NOS Total	30	40		30
AGR/N5016: Store and preserve the captured deep sea fish					
	<i>Store and preserve the fish</i>	20	25		20
PC1.	follow the recommended measures to haul the captured deep sea fish into the vessel, ensuring to protect it from damage	-	-	-	-

PC2.	carry out washing and cleaning of the captured fish to remove any trash and contaminants from the catch	-	-	-	-
PC3.	carry out sorting and grading of the captured fish as per the appropriate parameters	-	-	-	-
PC4.	perform organoleptic analysis of the catch	-	-	-	-
PC5.	maintain the captured fish alive to prevent spoilage and damage caused by slime-producing bacteria	-	-	-	-
PC6.	store the graded fish according to the grade under the recommended temperature using ice or the appropriate equipment to prevent its deterioration	-	-	-	-
PC7.	follow the recommended practices to protect the captured fish from contamination and ensure its hygiene during storage	-	-	-	-
PC8.	follow the Sanitation Standard Operating Procedures (SSOP) and Hazard Analysis and Critical Control Point (HACCP) method to identify and manage the food safety-related risks while handling fish	-	-	-	-
PC9.	carry out drying, salting and smoking for improving the shelf life of fish after it reaches the shore	-	-	-	-
	<i>Maintain the records</i>	10	15		10
PC10.	maintain the manual and electronic record of the captured fish using the physical registers and the relevant computer software	-	-	-	-
PC11.	maintain the backup of data to protect against its accidental loss	-	-	-	-
	NOS Total	30	40		30
AGR/N5103: Follow the safety and hygiene practices in capture fisheries operations					
	<i>Follow onboard safe working practices</i>	10	12		8
PC1.	use all fishing machinery and equipment safely following the manufacturer's instructions	-	-	-	-
PC2.	carry out regular testing and maintenance of the life-saving and firefighting equipment	-	-	-	-

PC3.	use the life-saving equipment in case of rough weather/ emergencies	-	-	-	-
	<i>Follow safety guidelines in water bodies</i>	8	12	-	10
PC4.	follow the applicable regulations such as Coastal Regulation Zone (CRZ) guidelines	-	-	-	-
PC5.	use the relevant equipment to detect ships/boats in the vicinity and take appropriate measures to avoid collisions	-	-	-	-
PC6.	detect underwater dangers along the fishing route and take appropriate measures to mitigate them	-	-	-	-
	<i>Follow the hygiene standards while handling fish</i>	12	16	-	12
PC7.	follow the applicable laws related to fishing methods, use of different types of fishing gear, conservation of banned species, disposal of dead/ damaged fish, etc.	-	-	-	-
PC8.	identify poisonous organisms caught with the fish and dispose them safely	-	-	-	-
PC9.	handle and clean the fish ensuring minimum damage to it	-	-	-	-
PC10.	store the fish under the recommended temperature and in hygienic conditions to maintain its freshness	-	-	-	-
	NOS Total	30	40	-	30
DGT/VSQ/N0102: Employability Skills (60 Hours)					
	<i>Introduction to Employability Skills</i>	1	1	-	-
PC1.	identify employability skills required for jobs in various industries	-	-	-	-
PC2.	identify and explore learning and employability portals	-	-	-	-
	<i>Constitutional values – Citizenship</i>	1	1	-	-
PC3.	recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc.	-	-	-	-

PC4.	follow environmentally sustainable practices	-	-	-	-
	<i>Becoming a Professional in the 21st Century</i>	2	4	-	-
PC5.	recognize the significance of 21st Century Skills for employment	-	-	-	-
PC6.	practice the 21st Century Skills such as Self- Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life	-	-	-	-
	<i>Basic English Skills</i>	2	3	-	-
PC7.	use basic English for everyday conversation in different contexts, in person and over the telephone	-	-	-	-
PC8.	read and understand routine information, notes, instructions, mails, letters etc. written in English	-	-	-	-
PC9.	write short messages, notes, letters, e-mails etc. in English	-	-	-	-
	<i>Career Development & Goal Setting</i>	1	2	-	-
PC10.	understand the difference between job and career	-	-	-	-
PC11.	prepare a career development plan with short- and long-term goals, based on aptitude	-	-	-	-
	<i>Communication Skills</i>	2	2	-	-
PC12.	PC12. follow verbal and non-verbal communication etiquette and active listening techniques in various settings	-	-	-	-
PC13.	PC13. work collaboratively with others in a team	-	-	-	-
	<i>Diversity & Inclusion</i>	1	2	-	-
PC14.	communicate and behave appropriately with all genders and PwD	-	-	-	-
PC15.	escalate any issues related to sexual harassment at workplace according to POSH Act	-	-	-	-

	<i>Financial and Legal Literacy</i>	2	3	-	-
PC16.	select financial institutions, products and services as per requirement	-	-	-	-
PC17.	carry out offline and online financial transactions, safely and securely	-	-	-	-
PC18.	identify common components of salary and compute income, expenses, taxes, investments etc.	-	-	-	-
PC19.	identify relevant rights and laws and use legal aids to fight against legal exploitation	-	-	-	-
	<i>Essential Digital Skills</i>	3	4	-	-
PC20.	operate digital devices and carry out basic internet operations securely and safely	-	-	-	-
PC21.	use e- mail and social media platforms and virtual collaboration tools to work effectively	-	-	-	-
PC22.	use basic features of word processor, spreadsheets, and presentations	-	-	-	-
	<i>Entrepreneurship</i>	2	3	-	-
PC23.	identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research	-	-	-	-
PC24.	develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion	-	-	-	-
PC25.	identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity	-	-	-	-
	<i>Customer Service</i>	1	2	-	-
PC26.	identify different types of customers	-	-	-	-
PC27.	identify and respond to customer requests and needs in a professional manner.	-	-	-	-
PC28.	follow appropriate hygiene and grooming standards	-	-	-	-
	<i>Getting ready for apprenticeship & Jobs</i>	2	3	-	-
PC29.	create a professional Curriculum vitae (Résumé)	-	-	-	-
PC30.	search for suitable jobs using reliable				

NSQF QUALIFICATION FILE**Approved in 17th NSQC Meeting-NCVET- Dated- 31/03/2022****Approved on file dated 07.02.2023**

	offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively	-	-	-	-
PC31.	apply to identified job openings using offline /online methods as per requirement	-	-	-	-
PC32.	answer questions politely, with clarity and confidence, during recruitment and selection	-	-	-	-
PC33.	identify apprenticeship opportunities and register for it as per guidelines and requirements	-	-	-	-
	NOS Total	20	30	-	-

SECTION 2**EVIDENCE OF LEVEL****OPTION B**

Title/ Name of qualification/ component: Deep Sea Fisher			Level: 4
NSQF Domain	NSQF Domain	NSQF Domain	NSQF Domain
Process	<ul style="list-style-type: none"> Select the fish species and capture method Prepare the fishing vessel, tools and equipment Sort and grade the catch Store & market the fish 	The Deep Sea Fisher is responsible for capturing a variety of deep-sea fish. The person maintains various tools and equipment used in capture fisheries operations apart from carrying out minor repair and maintenance of the fishing vessel. The individual is also responsible for onboard handling, processing and marketing of the captured fish.	4
Professional knowledge	<ul style="list-style-type: none"> Follow the hygiene standards while handling fish Practice inclusion at work Follow safety guidelines in water bodies Follow onboard safe working practices 	<p>The job holder should have the knowledge to select deep-sea fish species, how to obtain the required permits and licenses for capturing the selected fish species, arrange the scuba diving equipment, preparation fishing materials, ensuring the tools and equipment.</p> <p>The job holder should also have the knowledge of process of selecting the active or passive fishing method, process of selecting an appropriate hook size, safe storage practices for the captured fish.</p>	4

Title/ Name of qualification/ component: Deep Sea Fisher			Level: 4
NSQF Domain	NSQF Domain	NSQF Domain	NSQF Domain
Professional skill	<ul style="list-style-type: none"> Carry out repair and maintenance activities Optimise resource utilisation Carry out waste management Carry out the watch-keeping activities 	The job holder should be able to operate the mechanised/ non-mechanised vessel to navigate in the sea, selection of an area in the sea with an adequate quantity of fish, preparation on how to prepare a hygienic storage area for storing the captured fish, Analysing the market rate for the quality of captured fish, performing basic engine room and maintenance activities.	4
Core Skills	<ul style="list-style-type: none"> Select the crew and prepare the route Carry out capture operation Carry out basic engine room operations Carry out mooring, rigging 	The job holder should follow the applicable safety instructions, check the standby equipment for repair and maintenance requirements, carry out maintenance of the fuel injector and fuel injection pump, use the relevant hand and power tools such as per the manufacturer's instruction, maintain the record of repair and maintenance activities, optimise the usage of water/ electricity/materials in various tasks/ processes, make various knots, bends, hitches and whipping on ends of the rope, and various splices of ropes as required.	4
Responsibility	<ul style="list-style-type: none"> Maintain various tools and equipment Repair and maintenance of fishing vessel Onboard handling processing and marketing of fish 	The Deep Sea Fisher is responsible for capturing a variety of deep-sea fish, following the recommended sustainability and aqua-friendly fishing activities. The person maintains various tools and equipment used in capture fisheries operations apart from carrying out minor repair and maintenance of the fishing vessel. The	4

NSQF QUALIFICATION FILE**Approved in 17th NSQC Meeting-NCVET- Dated- 31/03/2022****Approved on file dated 07.02.2023**

Title/ Name of qualification/ component: Deep Sea Fisher			Level: 4
NSQF Domain	NSQF Domain	NSQF Domain	NSQF Domain
	<ul style="list-style-type: none">Follow the recommended sustainability and aqua-friendly fishing activities	individual is also responsible for onboard handling, processing and marketing of the captured fish.	

SECTION 3

EVIDENCE OF NEED

26	What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?			
Basis				
Need of the qualification	<p>While collecting data from the companies for the occupational map, we also took feedback from industry, training institutions which was collected with respect to roles for which qualification packs development, was to be prioritized. This was largely based on volume of people required, quantitative and qualitative shortfall which the industry feels they face. Governing council of ASCI and Occupational Standards Committee which comprises of experts & senior leaders gave final approval and endorsement for the same.</p> <p>Fisheries and aquaculture contribute to 0.79 percent to the National GDP and 4.39 percent to agriculture and allied activities. Marine Fisheries contributes to food security and provides direct employment to over 1.5 million fishermen besides others indirectly dependent on this sector. Fisheries and allied sector is transforming into an industry at a fast pace and hence there is a demand for skilled human resource for the development of standard products and services within this sector. The existing potential for production within this sector is expected to rise with increased contribution of the fisheries sector to food and nutritional security.</p>			
Industry Relevance	<p>Validations have been received from CIFA, Professor KUFOS, Central Agricultural University (Imphal), Krishi Vigyan Kendra Thoubal, SAU- Najaji Deshmukh Veterinary Science University, Central Marine Fisheries Research Institute.</p>			
Usage of the qualification	<p>An NSQF aligned training to the persons involved in grooming of Deep Sea Fisher shall provide opportunities to the incumbents for horizontal and vertical career progression. Competency-based training shall imbibe professionalism in the job-role. Being an important and ever-expanding job, the job-role of Deep Sea Fisher may well be included in the vocational education stream of school education.</p> <p>The Qualification Pack shall also be helpful in conducting Recognition of Prior Learning of the Deep Sea Fisher</p>			
Estimated uptake	QP/Job Role Name	"States where Demand exist	"District where Demand exist	Projections for the next 3 years

NSQF QUALIFICATION FILE**Approved in 17th NSQC Meeting-NCVET- Dated- 31/03/2022****Approved on file dated 07.02.2023**

	Deep Sea Fisher	Kerala, Karnataka, Tamil Nadu, Odisha, Andhra Pradesh, Daman & Diu, Andaman & Nicobar Islands, Maharashtra, Goa, West Bengal, Himachal Pradesh, J&K, Jharkhand, Chhattisgarh & Uttarakhand	Various district of mentioned States	1500
27	Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences Have received concurrence from the Ministry of Fisheries, Animal Husbandry and Dairying			
28	What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification This is the revised version of the already NSQC approved QP. The revision has been undertaken as the QP is going to expire soon.			
29	What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here Any institution or individual is welcome to send the feedback, which is recorded and considered during next review cycle. Communication will be sent for any feedback to all the main stakeholders/users one month prior to the review of the qualifications pack. A formal review is scheduled in three years.			

Please attach most relevant and recent documents giving further information about any of the topics above.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

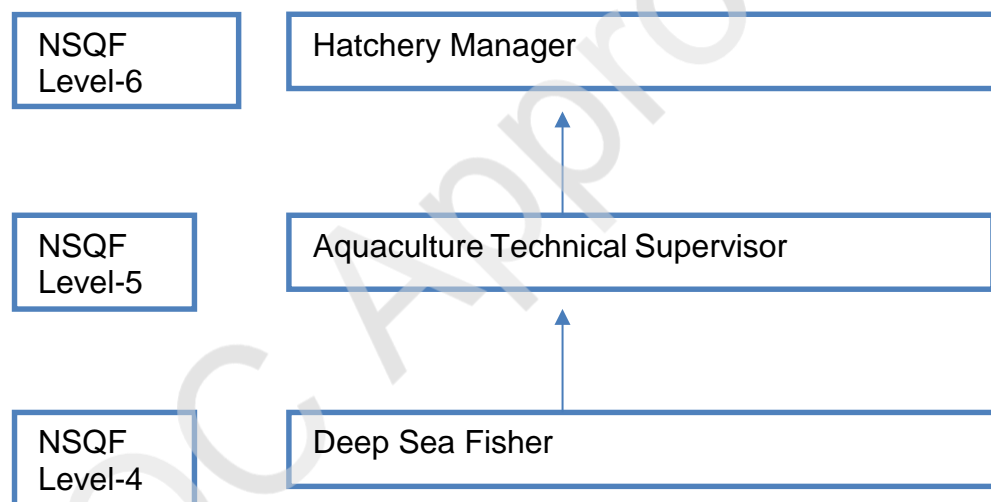
SECTION 4**EVIDENCE OF PROGRESSION****30**

What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?

Show the career map here to reflect the clear progression

Career path in the agriculture sector is generally in terms of activities done & ownership of responsibility because they are primarily self-wage employment/ entrepreneurship roles.

Annexure 1: Career Map of Deep Sea Fisher



Please attach most relevant and recent documents giving further information about any of the topics above.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.