

## Qualification Pack



# Fishing Boat Driver (Small Mechanized vessels upto 24 OAL)

QP Code: AGR/Q5002

Version: 3.0

NSQF Level: 4

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## Qualification Pack

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## Qualification Pack

### AGR/Q5002: Fishing Boat Driver (Small Mechanized vessels upto 24 OAL)

#### Brief Job Description

A Fishing Boat Driver (Small Mechanized Vessels upto 24 OAL) is responsible for steering the small mechanised boat in the sea. The individual follows the planned route to navigate between the harbour and identified fishing location. The person also prepares the boat for fishing operation and carries out its minor repair and maintenance

#### Personal Attributes

The person must be physically fit to work for long durations with concentration. The individual must know how to read, write and swim and possess problem-solving skills. The person must have a mechanical aptitude with the ability to work under challenging conditions.

#### Applicable National Occupational Standards (NOS)

##### Compulsory NOS:

1. [AGR/N5004: Prepare for the fishing operation](#)
2. [AGR/N5005: Steer the boat during the fishing operation](#)
3. [AGR/N5103: Follow the safety and hygiene practices in capture fisheries operations](#)
4. [DGT/VSQ/N0102: Employability Skills \(60 Hours\)](#)

#### Qualification Pack (QP) Parameters

<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Fisheries
<b>Occupation</b>	Capture Fisheries
<b>Country</b>	India
<b>NSQF Level</b>	4
<b>Credits</b>	13
<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2015/NIL

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<b>Minimum Educational Qualification &amp; Experience</b>	12th grade Pass OR Completed 2nd year of the 3-year diploma after 10 (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 grade pass with 2 year NTC plus 1 year NAC plus 1 year CITS OR 10th grade pass and pursuing continuous schooling OR 10th grade pass with 2 Years of experience relevant experience OR Previous relevant Qualification of NSQF Level (Level 3.0 with minimum education as 8th Grade pass) with 3 Years of experience relevant experience OR Previous relevant Qualification of NSQF Level (Level 3.5 with 1.5- year relevant experience)
<b>Minimum Level of Education for Training in School</b>	
<b>Pre-Requisite License or Training</b>	NA
<b>Minimum Job Entry Age</b>	18 Years
<b>Last Reviewed On</b>	NA
<b>Next Review Date</b>	30/04/2025
<b>NSQC Approval Date</b>	31/03/2022
<b>Version</b>	3.0
<b>Reference code on NQR</b>	QG-04-AG-00292-2023-V1.1-ASCI
<b>NQR Version</b>	1.1

## Qualification Pack

### AGR/N5004: Prepare for the fishing operation

#### Description

This OS unit is about checking various equipment and accessories on the boat to ensure their fitness for use in the sea. It also covers checking the weather conditions before the fishing operation.

#### Scope

The scope covers the following :

- Check various equipment and accessories
- Check the safety and fire-fighting equipment
- Check weather forecasts and sea conditions

#### Elements and Performance Criteria

##### *Check various equipment and accessories*

To be competent, the user/individual on the job must be able to:

- PC1.** test various equipment such as the GPS receiver, echo sounder, marine VHF radio, foghorn, gyro-compass for the correct functioning
- PC2.** check the steering gear to ensure its free movement
- PC3.** test the engine order telegraph to ensure it works as expected
- PC4.** test the communication equipment on the boat to ensure effective communication from the wheelhouse to the machinery space
- PC5.** check the navigation lights for faults and damage and repair or replace them, as required
- PC6.** ensure the navigation lights are of recommended specifications to be visible from a certain distance for the safety of navigation
- PC7.** ensure the availability of spare navigation lights on the boat for replacement during the fishing operation
- PC8.** ensure all mandatory signals display correctly on the fishing boat as per the coastal navigation rules, including both day and night time signals
- PC9.** test the searchlights to ensure their correct functioning
- PC10.** check the mast and ropes used to hoist signals for wear and tear or damage
- PC11.** check the anchor and anchor ropes/ chains for wear and tear or damage and repair or replace them, if required

##### *Check the safety and fire-fighting equipment*

To be competent, the user/individual on the job must be able to:

- PC12.** check the safety equipment such as life jackets and safety lanyards to ensure they are usable and without damage
- PC13.** ensure the availability of adequate safety equipment according to the crew on the boat
- PC14.** assist the deckhand in testing the fire extinguishers and ensuring there are no obstructions in accessing them during an emergency
- PC15.** test the fire hoses to ensure they have no leakages

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### *Check weather forecasts and sea conditions*

To be competent, the user/individual on the job must be able to:

- PC16.** check the weather forecasts and warnings of storms or depressions from reliable sources before going into the sea
- PC17.** check the conditions in the sea to ensure conducive weather

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** basic seamanship and rope work
- KU2.** how to test various equipment such as the GPS receiver, echo sounder, marine VHF radio, foghorn, gyro-compass, engine order telegraph, Very High Frequency (VHF) radio etc.
- KU3.** the importance of ensuring effective communication between the wheelhouse and machinery space
- KU4.** how to check the navigation lights for faults and damage, and repair or replace them
- KU5.** the recommended specifications of the navigation lights to ensure their visibility from a distance
- KU6.** mandatory signals to be displayed on the fishing boat as per the coastal navigation rules
- KU7.** how to test the searchlights to ensure their correct functioning
- KU8.** the importance of ensuring the anchor and anchor ropes/ chains are in usable condition
- KU9.** the importance of checking that safety equipment such as life jackets and safety lanyards are usable and available in an adequate number
- KU10.** how to test fire extinguishers and the importance of ensuring there are no obstructions in accessing them during an emergency
- KU11.** the importance of checking weather forecasts and sea conditions before going into the sea

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write work-related notes
- GS2.** read the relevant literature to get the latest updates about the field of work
- GS3.** communicate politely and professionally
- GS4.** listen attentively to understand the information/ instructions being shared
- GS5.** plan and schedule tasks for efficient use of time
- GS6.** co-ordinate with the co-workers to achieve the work objectives
- GS7.** take quick decisions to deal with any emergencies/ accidents and disruptions to work
- GS8.** evaluate all possible solutions to a problem to select the best one

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### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Check various equipment and accessories</i>	<b>14</b>	<b>18</b>	-	<b>14</b>
<b>PC1.</b> test various equipment such as the GPS receiver, echo sounder, marine VHF radio, foghorn, gyro-compass for the correct functioning	-	-	-	-
<b>PC2.</b> check the steering gear to ensure its free movement	-	-	-	-
<b>PC3.</b> test the engine order telegraph to ensure it works as expected	-	-	-	-
<b>PC4.</b> test the communication equipment on the boat to ensure effective communication from the wheelhouse to the machinery space	-	-	-	-
<b>PC5.</b> check the navigation lights for faults and damage and repair or replace them, as required	-	-	-	-
<b>PC6.</b> ensure the navigation lights are of recommended specifications to be visible from a certain distance for the safety of navigation	-	-	-	-
<b>PC7.</b> ensure the availability of spare navigation lights on the boat for replacement during the fishing operation	-	-	-	-
<b>PC8.</b> ensure all mandatory signals display correctly on the fishing boat as per the coastal navigation rules, including both day and night time signals	-	-	-	-
<b>PC9.</b> test the searchlights to ensure their correct functioning	-	-	-	-
<b>PC10.</b> check the mast and ropes used to hoist signals for wear and tear or damage	-	-	-	-
<b>PC11.</b> check the anchor and anchor ropes/ chains for wear and tear or damage and repair or replace them, if required	-	-	-	-
<i>Check the safety and fire-fighting equipment</i>	<b>10</b>	<b>16</b>	-	<b>10</b>

### Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC12.</b> check the safety equipment such as life jackets and safety lanyards to ensure they are usable and without damage	-	-	-	-
<b>PC13.</b> ensure the availability of adequate safety equipment according to the crew on the boat	-	-	-	-
<b>PC14.</b> assist the deckhand in testing the fire extinguishers and ensuring there are no obstructions in accessing them during an emergency	-	-	-	-
<b>PC15.</b> test the fire hoses to ensure they have no leakages	-	-	-	-
<i>Check weather forecasts and sea conditions</i>	<b>6</b>	<b>6</b>	-	<b>6</b>
<b>PC16.</b> check the weather forecasts and warnings of storms or depressions from reliable sources before going into the sea	-	-	-	-
<b>PC17.</b> check the conditions in the sea to ensure conducive weather	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	-	<b>30</b>



## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AGR/N5004
<b>NOS Name</b>	Prepare for the fishing operation
<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Fisheries
<b>Occupation</b>	Capture Fisheries
<b>NSQF Level</b>	4
<b>Credits</b>	3
<b>Version</b>	3.0
<b>Last Reviewed Date</b>	31/03/2022
<b>Next Review Date</b>	31/03/2025
<b>NSQC Clearance Date</b>	31/03/2022

## Qualification Pack

### AGR/N5005: Steer the boat during the fishing operation

#### Description

This OS unit is about steering and manoeuvring the boat during the fishing operation.

#### Scope

The scope covers the following :

- Steer the boat
- Follow the safety protocols while navigating, anchoring and harbouring
- Optimise resource utilisation
- Perform waste management

#### Elements and Performance Criteria

##### *Steer the boat*

To be competent, the user/individual on the job must be able to:

- PC1.** determine the shortest and safest route to the identified fishing location using Global Positioning System (GPS) tracker
- PC2.** follow the recommended practices to prevent the fishing gear from getting tangled with the propeller, avoiding underwater dangers
- PC3.** manoeuvre the boat in a manner to ensure the safety of crew while using the fishing gear and hauling fish into the boat
- PC4.** monitor the ocean currents and wind direction and navigate accordingly
- PC5.** ensure the wheelhouse is manned by trained personnel at all times

##### *Follow the safety protocols while navigating, anchoring and harbouring*

To be competent, the user/individual on the job must be able to:

- PC6.** steer the boat safely at the recommended speed, avoiding a sudden change of direction
- PC7.** follow the recommended safety practices while navigating in low-visibility waters
- PC8.** use the relevant equipment to detect the presence of other boats, vessels and dredgers in the vicinity and alert them, maintaining the recommended distance
- PC9.** follow the recommended emergency procedures during the rough weather to manoeuvre the boat
- PC10.** navigate according to the instructions of the lighthouse
- PC11.** navigate to an appropriate spot to anchor the boat, ensuring anchor rope/ chain is adequately long to reach the bottom of the water body
- PC12.** anchor the boat safely at the identified spot and display the appropriate signals to indicate the stationary position of the boat
- PC13.** communicate with the emergency services using the marine Very High Frequency (VHF) radio and co-ordinate with them for rescue operations
- PC14.** navigate in the sea following the applicable navigation guidelines, such as displaying appropriate lights and signals

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**PC15.** determine the direction of movement of other boats and ships and if they are anchored according to the navigation lights and signals displayed by them

**PC16.** ensure there are no risks to the boats and vessels in the harbour and enter the harbour safely following the established procedure

### *Optimise resource utilisation*

To be competent, the user/individual on the job must be able to:

**PC17.** optimise the usage of water and other resources in various tasks and processes

**PC18.** connect electrical tools and equipment safely and turn them off when not in use

**PC19.** plug water leakages to prevent its wastage

### *Perform waste management*

To be competent, the user/individual on the job must be able to:

**PC20.** segregate waste into appropriate categories

**PC21.** recycle the recyclable waste appropriately and dispose the non-recyclable waste in an environment-friendly manner

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

**KU1.** different types of lights and signals displayed during navigation to ensure safety

**KU2.** how to interpret the readings displayed on various wheelhouse equipment

**KU3.** how to send the distress signal/emergency message as per the established maritime protocols using marine VHF radio

**KU4.** coastal navigation rules concerning the International Borderline (IBL)

**KU5.** how to use the relevant equipment onboard the boat such as GPS tracker, VHF radio, fish finder or echo sounder, etc.

**KU6.** use of relevant safety equipment on the boat

**KU7.** recommended practices to be followed to prevent the fishing gear from getting tangled with the propeller

**KU8.** how to manoeuvre the boat safely to ensure the safety of crew while using the fishing gear and hauling fish into the boat

**KU9.** the importance of monitoring the ocean currents and wind direction and navigating accordingly

**KU10.** the process of anchoring the boat safely and the appropriate signals to be displayed to indicate the stationary position of the boat

**KU11.** the importance of ensuring the wheelhouse is always manned by a trained personnel

**KU12.** the importance of steering the boat safely at the recommended speed, avoiding a sudden change of direction

**KU13.** recommended safety practices to be followed while navigating in low-visibility waters

**KU14.** how to use the relevant equipment to detect the presence of other boats, vessels and dredgers in the vicinity and alert them

**KU15.** recommended emergency procedures to be followed during the rough weather to manoeuvre the boat

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- KU16.** the importance of navigating according to the instructions of the lighthouse
- KU17.** how to communicate with the emergency services using the marine Very High Frequency (VHF) radio and co-ordinate with them for rescue operations
- KU18.** appropriate lights and signals to be displayed while navigating in the sea, according to the navigation guidelines
- KU19.** how to determine the direction of movement of other boats and ships based on the navigation lights and signals displayed by them
- KU20.** the process of harbouring safely while ensuring no risks to the boats and vessels in the harbour
- KU21.** how to communicate with other boats and vessels in the waters and understand their signals
- KU22.** the benefits of resource optimisation
- KU23.** segregation of waste in different categories
- KU24.** how to recycle and dispose different types of waste

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write work-related notes
- GS2.** read the health and safety instructions
- GS3.** listen attentively to understand the information being shared
- GS4.** communicate politely and professionally
- GS5.** plan and prioritise tasks for effective time management
- GS6.** take quick decisions to deal with any emergencies/ accidents and disruptions to work
- GS7.** co-ordinate with the co-workers to achieve the work objectives

## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Steer the boat</i>	<b>10</b>	<b>16</b>	-	<b>12</b>
<b>PC1.</b> determine the shortest and safest route to the identified fishing location using Global Positioning System (GPS) tracker	-	-	-	-
<b>PC2.</b> follow the recommended practices to prevent the fishing gear from getting tangled with the propeller, avoiding underwater dangers	-	-	-	-
<b>PC3.</b> manoeuvre the boat in a manner to ensure the safety of crew while using the fishing gear and hauling fish into the boat	-	-	-	-
<b>PC4.</b> monitor the ocean currents and wind direction and navigate accordingly	-	-	-	-
<b>PC5.</b> ensure the wheelhouse is manned by trained personnel at all times	-	-	-	-
<i>Follow the safety protocols while navigating, anchoring and harbouring</i>	<b>14</b>	<b>14</b>	-	<b>12</b>
<b>PC6.</b> steer the boat safely at the recommended speed, avoiding a sudden change of direction	-	-	-	-
<b>PC7.</b> follow the recommended safety practices while navigating in low-visibility waters	-	-	-	-
<b>PC8.</b> use the relevant equipment to detect the presence of other boats, vessels and dredgers in the vicinity and alert them, maintaining the recommended distance	-	-	-	-
<b>PC9.</b> follow the recommended emergency procedures during the rough weather to manoeuvre the boat	-	-	-	-
<b>PC10.</b> navigate according to the instructions of the lighthouse	-	-	-	-
<b>PC11.</b> navigate to an appropriate spot to anchor the boat, ensuring anchor rope/ chain is adequately long to reach the bottom of the water body	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC12.</b> anchor the boat safely at the identified spot and display the appropriate signals to indicate the stationary position of the boat	-	-	-	-
<b>PC13.</b> communicate with the emergency services using the marine Very High Frequency (VHF) radio and co-ordinate with them for rescue operations	-	-	-	-
<b>PC14.</b> navigate in the sea following the applicable navigation guidelines, such as displaying appropriate lights and signals	-	-	-	-
<b>PC15.</b> determine the direction of movement of other boats and ships and if they are anchored according to the navigation lights and signals displayed by them	-	-	-	-
<b>PC16.</b> ensure there are no risks to the boats and vessels in the harbour and enter the harbour safely following the established procedure	-	-	-	-
<i>Optimise resource utilisation</i>	<b>4</b>	<b>6</b>	-	<b>4</b>
<b>PC17.</b> optimise the usage of water and other resources in various tasks and processes	-	-	-	-
<b>PC18.</b> connect electrical tools and equipment safely and turn them off when not in use	-	-	-	-
<b>PC19.</b> plug water leakages to prevent its wastage	-	-	-	-
<i>Perform waste management</i>	<b>2</b>	<b>4</b>	-	<b>2</b>
<b>PC20.</b> segregate waste into appropriate categories	-	-	-	-
<b>PC21.</b> recycle the recyclable waste appropriately and dispose the non-recyclable waste in an environment-friendly manner	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	-	<b>30</b>

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### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AGR/N5005
<b>NOS Name</b>	Steer the boat during the fishing operation
<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Fisheries
<b>Occupation</b>	Capture Fisheries
<b>NSQF Level</b>	4
<b>Credits</b>	3
<b>Version</b>	3.0
<b>Last Reviewed Date</b>	NA
<b>Next Review Date</b>	31/03/2025
<b>NSQC Clearance Date</b>	31/03/2022

## Qualification Pack

### AGR/N5103: Follow the safety and hygiene practices in capture fisheries operations

#### Description

This OS unit is about following safety, hygiene and sanitation practices for capture fisheries and fishing assistance.

#### Scope

The scope covers the following :

- Follow onboard safe working practices
- Follow safety guidelines in water bodies
- Follow the fish capturing and handling guidelines

#### Elements and Performance Criteria

##### *Follow onboard safe working practices*

To be competent, the user/individual on the job must be able to:

- 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

##### *Follow safety guidelines in water bodies*

To be competent, the user/individual on the job must be able to:

- 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

##### *Follow the fish capturing and handling guidelines*

To be competent, the user/individual on the job must be able to:

- 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

#### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** safe use of various fishing machineries and equipment



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- KU2.** regular testing and maintenance of the life-saving and firefighting equipment
- KU3.** how to use different types of life-saving equipment
- KU4.** relevant regulations to be followed in the marine waters such as Coastal Regulation Zone (CRZ) guidelines
- KU5.** the process of using the relevant equipment to detect ships/ boats in the vicinity and the appropriate measures to be followed to avoid collisions
- KU6.** the process of detecting underwater dangers along the fishing route and appropriate measures to be taken to mitigate them
- KU7.** applicable laws related to fishing methods, use of different types of fishing gear, conservation of banned species, disposal of dead/ damaged fish, etc.
- KU8.** the process of identifying poisonous creatures caught with the fish and their safe disposal
- KU9.** the process of handling and cleaning the fish safely
- KU10.** the temperature and hygiene requirement for storing the fish to maintain its freshness

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** write work-related records
- GS2.** communicate clearly and politely
- GS3.** read the relevant literature to get information about the latest developments in the field of work
- GS4.** plan and prioritise tasks to ensure timely completion
- GS5.** take quick decisions to deal with workplace emergencies/ accidents
- GS6.** listen attentively to understand the information/ instructions being shared by the speaker
- GS7.** identify possible disruptions to work and take appropriate preventive measures
- GS8.** co-ordinate with co-workers to achieve work objectives
- GS9.** evaluate all possible solutions to a problem to select the best one

## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Follow onboard safe working practices</i>	<b>10</b>	<b>12</b>	-	<b>8</b>
<b>PC1.</b> use all fishing machinery and equipment safely following the manufacturer's instructions	-	-	-	-
<b>PC2.</b> carry out regular testing and maintenance of the life-saving and firefighting equipment	-	-	-	-
<b>PC3.</b> use the life-saving equipment in case of rough weather/ emergencies	-	-	-	-
<i>Follow safety guidelines in water bodies</i>	<b>8</b>	<b>12</b>	-	<b>10</b>
<b>PC4.</b> follow the applicable regulations such as Coastal Regulation Zone (CRZ) guidelines	-	-	-	-
<b>PC5.</b> use the relevant equipment to detect ships/ boats in the vicinity and take appropriate measures to avoid collisions	-	-	-	-
<b>PC6.</b> detect underwater dangers along the fishing route and take appropriate measures to mitigate them	-	-	-	-
<i>Follow the fish capturing and handling guidelines</i>	<b>12</b>	<b>16</b>	-	<b>12</b>
<b>PC7.</b> 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.	-	-	-	-
<b>PC8.</b> identify poisonous organisms caught with the fish and dispose them safely	-	-	-	-
<b>PC9.</b> handle and clean the fish ensuring minimum damage to it	-	-	-	-
<b>PC10.</b> store the fish under the recommended temperature and in hygienic conditions to maintain its freshness	-	-	-	-
<b>NOS Total</b>	<b>30</b>	<b>40</b>	-	<b>30</b>

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### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AGR/N5103
<b>NOS Name</b>	Follow the safety and hygiene practices in capture fisheries operations
<b>Sector</b>	Agriculture
<b>Sub-Sector</b>	Fisheries
<b>Occupation</b>	Assistance (Fisheries)
<b>NSQF Level</b>	4
<b>Credits</b>	1
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	31/03/2022
<b>Next Review Date</b>	31/03/2025
<b>NSQC Clearance Date</b>	31/03/2022

## Qualification Pack

### DGT/VSQ/N0102: Employability Skills (60 Hours)

#### Description

This unit is about employability skills, Constitutional values, becoming a professional in the 21st Century, digital, financial, and legal literacy, diversity and Inclusion, English and communication skills, customer service, entrepreneurship, and apprenticeship, getting ready for jobs and career development.

#### Scope

The scope covers the following :

- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century
- Basic English Skills
- Career Development & Goal Setting
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

#### Elements and Performance Criteria

##### *Introduction to Employability Skills*

To be competent, the user/individual on the job must be able to:

- PC1.** identify employability skills required for jobs in various industries
- PC2.** identify and explore learning and employability portals

##### *Constitutional values – Citizenship*

To be competent, the user/individual on the job must be able to:

- 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

##### *Becoming a Professional in the 21st Century*

To be competent, the user/individual on the job must be able to:

- 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

##### *Basic English Skills*

To be competent, the user/individual on the job must be able to:

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- 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

### *Career Development & Goal Setting*

To be competent, the user/individual on the job must be able to:

- PC10.** understand the difference between job and career
- PC11.** prepare a career development plan with short- and long-term goals, based on aptitude

### *Communication Skills*

To be competent, the user/individual on the job must be able to:

- PC12.** follow verbal and non-verbal communication etiquette and active listening techniques in various settings
- PC13.** work collaboratively with others in a team

### *Diversity & Inclusion*

To be competent, the user/individual on the job must be able to:

- PC14.** communicate and behave appropriately with all genders and PwD
- PC15.** escalate any issues related to sexual harassment at workplace according to POSH Act

### *Financial and Legal Literacy*

To be competent, the user/individual on the job must be able to:

- 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

### *Essential Digital Skills*

To be competent, the user/individual on the job must be able to:

- 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

### *Entrepreneurship*

To be competent, the user/individual on the job must be able to:

- 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

### *Customer Service*

To be competent, the user/individual on the job must be able to:

- PC26.** identify different types of customers
- PC27.** identify and respond to customer requests and needs in a professional manner.

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**PC28.** follow appropriate hygiene and grooming standards

*Getting ready for apprenticeship & Jobs*

To be competent, the user/individual on the job must be able to:

**PC29.** create a professional Curriculum vitae (Résumé)

**PC30.** search for suitable jobs using reliable 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

## Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

**KU1.** need for employability skills and different learning and employability related portals

**KU2.** various constitutional and personal values

**KU3.** different environmentally sustainable practices and their importance

**KU4.** Twenty first (21st) century skills and their importance

**KU5.** how to use English language for effective verbal (face to face and telephonic) and written communication in formal and informal set up

**KU6.** importance of career development and setting long- and short-term goals

**KU7.** about effective communication

**KU8.** POSH Act

**KU9.** Gender sensitivity and inclusivity

**KU10.** different types of financial institutes, products, and services

**KU11.** how to compute income and expenditure

**KU12.** importance of maintaining safety and security in offline and online financial transactions

**KU13.** different legal rights and laws

**KU14.** different types of digital devices and the procedure to operate them safely and securely

**KU15.** how to create and operate an e- mail account and use applications such as word processors, spreadsheets etc.

**KU16.** how to identify business opportunities

**KU17.** types and needs of customers

**KU18.** how to apply for a job and prepare for an interview

**KU19.** apprenticeship scheme and the process of registering on apprenticeship portal

## Generic Skills (GS)

User/individual on the job needs to know how to:

**GS1.** read and write different types of documents/instructions/correspondence

**GS2.** communicate effectively using appropriate language in formal and informal settings

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- GS3.** behave politely and appropriately with all
- GS4.** how to work in a virtual mode
- GS5.** perform calculations efficiently
- GS6.** solve problems effectively
- GS7.** pay attention to details
- GS8.** manage time efficiently
- GS9.** maintain hygiene and sanitization to avoid infection

## Qualification Pack

### Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Introduction to Employability Skills</i>	<b>1</b>	<b>1</b>	-	-
<b>PC1.</b> identify employability skills required for jobs in various industries	-	-	-	-
<b>PC2.</b> identify and explore learning and employability portals	-	-	-	-
<i>Constitutional values – Citizenship</i>	<b>1</b>	<b>1</b>	-	-
<b>PC3.</b> 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.	-	-	-	-
<b>PC4.</b> follow environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	<b>2</b>	<b>4</b>	-	-
<b>PC5.</b> recognize the significance of 21st Century Skills for employment	-	-	-	-
<b>PC6.</b> 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>	<b>2</b>	<b>3</b>	-	-
<b>PC7.</b> use basic English for everyday conversation in different contexts, in person and over the telephone	-	-	-	-
<b>PC8.</b> read and understand routine information, notes, instructions, mails, letters etc. written in English	-	-	-	-
<b>PC9.</b> write short messages, notes, letters, e-mails etc. in English	-	-	-	-
<i>Career Development &amp; Goal Setting</i>	<b>1</b>	<b>2</b>	-	-



### Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC10.</b> understand the difference between job and career	-	-	-	-
<b>PC11.</b> prepare a career development plan with short- and long-term goals, based on aptitude	-	-	-	-
<i>Communication Skills</i>	<b>2</b>	<b>2</b>	-	-
<b>PC12.</b> follow verbal and non-verbal communication etiquette and active listening techniques in various settings	-	-	-	-
<b>PC13.</b> work collaboratively with others in a team	-	-	-	-
<i>Diversity &amp; Inclusion</i>	<b>1</b>	<b>2</b>	-	-
<b>PC14.</b> communicate and behave appropriately with all genders and PwD	-	-	-	-
<b>PC15.</b> escalate any issues related to sexual harassment at workplace according to POSH Act	-	-	-	-
<i>Financial and Legal Literacy</i>	<b>2</b>	<b>3</b>	-	-
<b>PC16.</b> select financial institutions, products and services as per requirement	-	-	-	-
<b>PC17.</b> carry out offline and online financial transactions, safely and securely	-	-	-	-
<b>PC18.</b> identify common components of salary and compute income, expenses, taxes, investments etc	-	-	-	-
<b>PC19.</b> identify relevant rights and laws and use legal aids to fight against legal exploitation	-	-	-	-
<i>Essential Digital Skills</i>	<b>3</b>	<b>4</b>	-	-
<b>PC20.</b> operate digital devices and carry out basic internet operations securely and safely	-	-	-	-
<b>PC21.</b> use e- mail and social media platforms and virtual collaboration tools to work effectively	-	-	-	-
<b>PC22.</b> use basic features of word processor, spreadsheets, and presentations	-	-	-	-

### Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Entrepreneurship</i>	<b>2</b>	<b>3</b>	-	-
<b>PC23.</b> identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research	-	-	-	-
<b>PC24.</b> develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion	-	-	-	-
<b>PC25.</b> identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity	-	-	-	-
<i>Customer Service</i>	<b>1</b>	<b>2</b>	-	-
<b>PC26.</b> identify different types of customers	-	-	-	-
<b>PC27.</b> identify and respond to customer requests and needs in a professional manner.	-	-	-	-
<b>PC28.</b> follow appropriate hygiene and grooming standards	-	-	-	-
<i>Getting ready for apprenticeship &amp; Jobs</i>	<b>2</b>	<b>3</b>	-	-
<b>PC29.</b> create a professional Curriculum vitae (Résumé)	-	-	-	-
<b>PC30.</b> search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively	-	-	-	-
<b>PC31.</b> apply to identified job openings using offline /online methods as per requirement	-	-	-	-
<b>PC32.</b> answer questions politely, with clarity and confidence, during recruitment and selection	-	-	-	-
<b>PC33.</b> identify apprenticeship opportunities and register for it as per guidelines and requirements	-	-	-	-
<b>NOS Total</b>	<b>20</b>	<b>30</b>	-	-

## Qualification Pack

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	DGT/VSQ/N0102
<b>NOS Name</b>	Employability Skills (60 Hours)
<b>Sector</b>	Cross Sectoral
<b>Sub-Sector</b>	Professional Skills
<b>Occupation</b>	Employability
<b>NSQF Level</b>	4
<b>Credits</b>	2
<b>Version</b>	1.0
<b>Last Reviewed Date</b>	18/02/2025
<b>Next Review Date</b>	18/02/2028
<b>NSQC Clearance Date</b>	18/02/2025

## Assessment Guidelines and Assessment Weightage

### Assessment Guidelines

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council.  
Each Performance Criteria (PC) (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. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.
5. In case of successfully passing only certain number of NOSs, the trainee is eligible to take

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subsequent assessment on the balance NOS's to pass the Qualification Pack.

6. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack

### Minimum Aggregate Passing % at QP Level : 70

**(Please note:** Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

## Assessment Weightage

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
AGR/N5004.Carry out boat-related and other preparations	30	40	-	30	100	40
AGR/N5005.Steer the boat during the fishing operation	30	40	-	30	100	50
AGR/N5103.Follow the safety and hygiene practices in capture fisheries operations	30	40	-	30	100	5
DGT/VSQ/N0102.Employability Skills (60 Hours)	20	30	-	-	50	5
<b>Total</b>	<b>110</b>	<b>150</b>	<b>-</b>	<b>90</b>	<b>350</b>	<b>100</b>

## Qualification Pack

### Acronyms

<b>NOS</b>	National Occupational Standard(s)
<b>NSQF</b>	National Skills Qualifications Framework
<b>QP</b>	Qualifications Pack
<b>TVET</b>	Technical and Vocational Education and Training

## Qualification Pack

### Glossary

<b>Sector</b>	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
<b>Sub-sector</b>	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
<b>Occupation</b>	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
<b>Job role</b>	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
<b>Occupational Standards (OS)</b>	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
<b>Performance Criteria (PC)</b>	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
<b>National Occupational Standards (NOS)</b>	NOS are occupational standards which apply uniquely in the Indian context.
<b>Qualifications Pack (QP)</b>	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
<b>Unit Code</b>	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
<b>Unit Title</b>	Unit title gives a clear overall statement about what the incumbent should be able to do.
<b>Description</b>	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
<b>Scope</b>	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.

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<b>Knowledge and Understanding (KU)</b>	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
<b>Organisational Context</b>	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
<b>Technical Knowledge</b>	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
<b>Core Skills/ Generic Skills (GS)</b>	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
<b>Electives</b>	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
<b>Options</b>	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.