

Qualification Pack



Astro Tour Guide

QP Code: THC/Q8703

Version: 1.0

NSQF Level: 4

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THC/Q8703: Astro Tour Guide

Brief Job Description

An Astro Tour Guide specializes in leading tours focused on astronomy and stargazing experiences. They are knowledgeable about celestial bodies, constellations, and astronomical phenomena, and they educate and guide participants in observing the night sky using telescopes and binoculars. Astro tour guides often provide fascinating insights into the science and mythology of stars, planets, and galaxies, ensuring an engaging and memorable experience for guests, whether at observatories, remote stargazing spots, or during special celestial events.

Personal Attributes

The job requires the individual to be curious and passionate about astronomy, with good communication and storytelling skills to explain celestial events in an interesting way. The person should be friendly, patient, and confident, able to guide groups safely during night tours. They should know how to use telescopes and other equipment, be responsible toward the environment, and stay physically fit to work outdoors in different weather conditions.

Applicable National Occupational Standards (NOS)

Compulsory NOS:

1. [THC/N8711: Plan for an Astro tourism event](#)
2. [THC/N8712: Prepare for the domain knowledge needed for an Astro tourism event](#)
3. [THC/N8713: Conduct the Astro tourism event](#)
4. [THC/N8714: Operate a telescope](#)
5. [THC/N8715: Incorporate local astronomy knowledge](#)
6. [THC/N8716: Engage with homestays, hotels, etc. about promoting Astro tourism](#)
7. [THC/N9910: Ensure to maintain organisational confidentiality and guest's privacy](#)
8. [THC/N9906: Follow Health, Hygiene and Safety practices](#)
9. [DGT/VSQ/N0102: Employability Skills \(60 Hours\)](#)

Qualification Pack (QP) Parameters

Sector	Tourism & Hospitality
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Sub-Sector	Adventure Tourism
Occupation	Land-Based Activities
Country	India
NSQF Level	4
Credits	17
Aligned to NCO/ISCO/ISIC Code	NCO-2015/ 5113.9900
Minimum Educational Qualification & Experience	12th grade Pass with NA of experience OR Completed 3 year diploma after 10th with NA of experience OR 10th grade pass with 3 Years of experience Tourism & Hospitality
Minimum Level of Education for Training in School	12th Class
Pre-Requisite License or Training	NA
Minimum Job Entry Age	17 Years
Last Reviewed On	NA
Next Review Date	07/10/2028
NSQC Approval Date	07/10/2025
Version	1.0
Reference code on NQR	QG-04-TH-046352025-V1-THSC
NQR Version	1.0

Remarks:

NA

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THC/N8711: Plan for an Astro tourism event

Description

This NOS involves selecting suitable locations and dates for stargazing, arranging equipment and logistics, ensuring guest safety and comfort, and coordinating with partners to deliver an engaging and sustainable Astro tourism experience.

Scope

The scope covers the following :

- Understand the celestial sphere, directions, motion, etc., Identify bright stars and constellation

Elements and Performance Criteria

Prepare for a relevant guiding activity

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

- PC1.** plan physical logistics for the activity - transport, food/water, two-way radio, backup plans if the sky is cloudy, selection of location based on how much of the sky is blocked by landscape
- PC2.** Plan for medical assistance if needed, warmer color lights for navigation, transport or stay after the show is over at night.
- PC3.** Plan technical logistics for the activity - transport or access to telescope, power supply, star maps and other accessories to hand out to tourists, online or offline astronomy apps for the phone, chairs or stools for shorter people to access the eyepiece, etc
- PC4.** have an alternative program schedule on sky observation nights in case it gets cloudy.

Provide and collect pre-trip information from guests and colleagues

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

- PC5.** provide pre-activity details to guests (access to location, celestial objects that will be shown, expected temperature at night and appropriate clothing, time duration of the show, etc.)
- PC6.** collect basic health information (e.g. night blindness, issues with colder temperature, altitude etc.)
- PC7.** Define the script of your experience, the chronology of the important events and the primary ideas that you will transmit in each of them (for example, the landscape and history of the region you are in, facts about the Solar System, major astronomical discoveries, and so on).
- PC8.** Give clear route information, as well as maps and location details

Plan for the physical movement of tourists among the telescopes

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

- PC9.** Provide information on the nature and purpose of the astronomical facilities and equipment that will be used
- PC10.** Teach the group how to adjust the focus of each lens of the binoculars or how to adjust the eyepiece of the telescope
- PC11.** If the number of tourists is large, then plan where they will be standing, how they will access the telescopes and then move to let others see through them etc. since the event will be held in darkness

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PC12. Arrange proper standing arrangements should be made so that they don't fall or trip the telescope during the various instructions sets.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** Basic astronomy concepts such as celestial objects, constellations and astronomical events
- KU2.** Understand how to operate and maintain telescopes, binoculars and related accessories
- KU3.** Aware of safety protocols, basic first aid and handling health related emergencies
- KU4.** Able to plan and manage tourist group movement, space layout and night time visibility challenges
- KU5.** Familiar with astronomy related mobile apps, star maps and visual aids, used during sky watching events
- KU6.** Know of terrain weather and environmental factors affecting visibility and guest comfort

Generic Skills (GS)

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

- GS1.** Communicate clearly with guests and team members
- GS2.** Handle unexpected problems like cloudy skies or equipment issues
- GS3.** Engage politely and effectively with diverse individuals
- GS4.** Organize transport, equipment and alternative schedules

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Prepare for a relevant guiding activity</i>	20	10	-	20
PC1. plan physical logistics for the activity - transport, food/water, two-way radio, backup plans if the sky is cloudy, selection of location based on how much of the sky is blocked by landscape	-	-	-	-
PC2. Plan for medical assistance if needed, warmer color lights for navigation, transport or stay after the show is over at night.	-	-	-	-
PC3. Plan technical logistics for the activity - transport or access to telescope, power supply, star maps and other accessories to hand out to tourists, online or offline astronomy apps for the phone, chairs or stools for shorter people to access the eyepiece, etc	-	-	-	-
PC4. have an alternative program schedule on sky observation nights in case it gets cloudy.	-	-	-	-
<i>Provide and collect pre-trip information from guests and colleagues</i>	10	10	-	10
PC5. provide pre-activity details to guests (access to location, celestial objects that will be shown, expected temperature at night and appropriate clothing, time duration of the show, etc.)	-	-	-	-
PC6. collect basic health information (e.g. night blindness, issues with colder temperature, altitude etc.)	-	-	-	-
PC7. Define the script of your experience, the chronology of the important events and the primary ideas that you will transmit in each of them (for example, the landscape and history of the region you are in, facts about the Solar System, major astronomical discoveries, and so on).	-	-	-	-
PC8. Give clear route information, as well as maps and location details	-	-	-	-
<i>Plan for the physical movement of tourists among the telescopes</i>	-	10	-	10

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC9. Provide information on the nature and purpose of the astronomical facilities and equipment that will be used	-	-	-	-
PC10. Teach the group how to adjust the focus of each lens of the binoculars or how to adjust the eyepiece of the telescope	-	-	-	-
PC11. If the number of tourists is large, then plan where they will be standing, how they will access the telescopes and then move to let others see through them etc. since the event will be held in darkness	-	-	-	-
PC12. Arrange proper standing arrangements should be made so that they don't fall or trip the telescope during the various instructions sets.	-	-	-	-
NOS Total	30	30	-	40

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National Occupational Standards (NOS) Parameters

NOS Code	THC/N8711
NOS Name	Plan for an Astro tourism event
Sector	Tourism & Hospitality
Sub-Sector	
Occupation	Land-Based Activities
NSQF Level	4
Credits	3
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

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THC/N8712: Prepare for the domain knowledge needed for an Astro tourism event

Description

This NOS involves gaining essential knowledge of astronomy, constellations, and celestial events, and learning to use star maps and tools to guide visitors with accurate and engaging information during Astro tourism activities.

Scope

The scope covers the following :

- Covers preparation for Astro tourism events and night sky observation to enhance visitor experience.

Elements and Performance Criteria

Plan for the celestial objects to be shown

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

- PC1.** Find out which celestial objects will be visible in the sky at the time of the event
- PC2.** Make a list of celestial objects that can be seen at that time (taking into account light pollution, phase of the Moon, etc.)
- PC3.** Decide the order in which to show the tourists these objects, and which telescopes are to be used for which objects

Plan for the usage of telescopes

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

- PC4.** Decide on how many telescopes are needed, and are available, how to access them, and assign relevant individuals to operate each telescope if needed
- PC5.** Decide on where to obtain power supply for operating the telescope
- PC6.** Scout out the area ahead of time to decide the exact locations to place the telescopes to avoid bright lights (or make arrangements to dim or shut them)
- PC7.** Provide a stool or chair for people who cannot reach the eyepiece at a height, and prepare to assist tourists with impaired night vision and physical disabilities

Plan for photography of the sky

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

- PC8.** • Send the participants advance information of what they can do if they have
 - (1) cellphone cameras and (2) DSLR cameras, and ask them to come prepared
- PC9.** Plan for which photographs you will guide them for, depending on the darkness of the sky, presence of the moon, etc. Come prepared with suitable accessories like adaptors etc.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

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- KU1.** Basic astronomy concepts including celestial objects visible to the naked eye and through telescopes
- KU2.** Factors affecting visibility of celestial objects such as light pollution, weather and lunar phases
- KU3.** Types of telescopes, their usage, power requirements and alignment techniques
- KU4.** Site selection criteria for optimal night sky viewing and safety arrangements for public use
- KU5.** Basics of night sky photography including phone and DSLR settings and required accessories

Generic Skills (GS)

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

- GS1.** Able to read star charts and astronomy apps for planning observations
- GS2.** Communicate and share technical information with both team members and tourists
- GS3.** Solve Problem and manage equipment logistics and accessibility needs
- GS4.** Plan, organize and coordinate telescopes photography sessions and crowd flow

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Plan for the celestial objects to be shown</i>	1	7	-	5
PC1. Find out which celestial objects will be visible in the sky at the time of the event	-	-	-	-
PC2. Make a list of celestial objects that can be seen at that time (taking into account light pollution, phase of the Moon, etc.)	-	-	-	-
PC3. Decide the order in which to show the tourists these objects, and which telescopes are to be used for which objects	-	-	-	-
<i>Plan for the usage of telescopes</i>	3	8	-	5
PC4. Decide on how many telescopes are needed, and are available, how to access them, and assign relevant individuals to operate each telescope if needed	-	-	-	-
PC5. Decide on where to obtain power supply for operating the telescope	-	-	-	-
PC6. Scout out the area ahead of time to decide the exact locations to place the telescopes to avoid bright lights (or make arrangements to dim or shut them)	-	-	-	-
PC7. Provide a stool or chair for people who cannot reach the eyepiece at a height, and prepare to assist tourists with impaired night vision and physical disabilities	-	-	-	-
<i>Plan for photography of the sky</i>	6	10	-	5
PC8. • Send the participants advance information of what they can do if they have • (1) cellphone cameras and (2) DSLR cameras, and ask them to come prepared	-	-	-	-
PC9. Plan for which photographs you will guide them for, depending on the darkness of the sky, presence of the moon, etc. Come prepared with suitable accessories like adaptors etc.	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
NOS Total	10	25	-	15

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National Occupational Standards (NOS) Parameters

NOS Code	THC/N8712
NOS Name	Prepare for the domain knowledge needed for an Astro tourism event
Sector	Tourism & Hospitality
Sub-Sector	
Occupation	Land-Based Activities
NSQF Level	4
Credits	1
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

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THC/N8713: Conduct the Astro tourism event

Description

This NOS involves organizing and leading the astro-tourism event by guiding participants in observing celestial objects, operating telescopes and other equipment, ensuring safety and comfort, and providing clear explanations and stories about the night sky for an enjoyable learning experience.

Scope

The scope covers the following :

- Plan night sky observations, use tools, set up location and telescopes, ensure participant comfort

Elements and Performance Criteria

Organize the start of the event

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

- PC1.** Arrange safe transport to the location and verify the presence of all guests and their comfort
- PC2.** Perform alignment and collimation of all telescopes and get them ready for automated tracking with the motor connected to power supply
- PC3.** Place telescopes at appropriate location, instruct the participants on where to stand, move, etc.
- PC4.** Provide information on access to services like drinking water, washrooms, etc.
- PC5.** Initiate with Indigenous storytelling
- PC6.** Introduce visitors to the local geography. Identify the major landmarks visible in the landscape and provide a brief historical overview of the location (e.g., who were the first settlers, what human activities characterize it today, and so on).

Explain the night sky and what the program will be

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

- PC7.** Explain the directions in the sky, motion of the Sun, Moon and stars, point out visible planets
- PC8.** Point out the bright stars and major constellations and how to use phone apps to identify them
- PC9.** Explain what are the celestial objects that will be shown through the telescope
- PC10.** Engage multiple human senses, such as those of sight, sound and smell

Conduct the telescope viewing session and explain what is being seen

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

- PC11.** Point the telescopes to the pre-determined objects and ensure tracking
- PC12.** Guide the participants to see through the eyepieces, adjusting the focus if needed, and ensuring that they see the object properly, and from a stool if needed.
- PC13.** Explain about the object being shown, and answer basic questions about it
- PC14.** Guide participants in taking their own Astro photographs

Talk about local cultural astronomy and answer any questions

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

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- PC15.** Know about and explain the astronomy knowledge in the local area, e.g. calendars, usage of constellations in time keeping, agriculture, etc.
- PC16.** Answer basic questions about local astronomy knowledge, Indian astronomy traditions, and point out further reading material for advanced questions
- PC17.** Explain the difference between astronomy and non-scientific disciplines like astrology etc. and the historical and cultural antecedents of each

Closing the event safely

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

- PC18.** Pack up the telescopes safely for storage or transport
- PC19.** Lead the participants to their vehicles or accommodation in the dark conditions and ensure their well being
- PC20.** Provide avenues for feedback from participants

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** Know about directions in the night sky, movement of the Sun, Moon, stars and identifying planets and constellations
- KU2.** Understand how to align, collimate and operate telescopes with tracking and focusing functions
- KU3.** Identify and explain celestial objects visible during the session including stars, planets and deep sky objects
- KU4.** Explain local cultural astronomy including stories, calendars and traditional uses of constellations
- KU5.** Understand transport arrangements, site safety and ensure participant's comfort and access to facilities
- KU6.** Organize participant movement, give clear instructions and manage group engagement effectively
- KU7.** Familiarize with astronomy apps and online tools for sky simulation and celestial object identification
- KU8.** Know basic astrophotography techniques, to help participants capture night sky images

Generic Skills (GS)

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

- GS1.** Communicate clearly and answer questions in a simple and engaging manner
- GS2.** Use astronomy related digital tools and applications
- GS3.** Handle unforeseen issues with equipment or participant needs calmly
- GS4.** Work with a team and coordinate with support staff for smooth event execution
- GS5.** Focus on delivering a safe, informative and enjoyable experience for all participants

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Organize the start of the event</i>	5	10	-	7
PC1. Arrange safe transport to the location and verify the presence of all guests and their comfort	-	-	-	-
PC2. Perform alignment and collimation of all telescopes and get them ready for automated tracking with the motor connected to power supply	-	-	-	-
PC3. Place telescopes at appropriate location, instruct the participants on where to stand, move, etc.	-	-	-	-
PC4. Provide information on access to services like drinking water, washrooms, etc.	-	-	-	-
PC5. Initiate with Indigenous storytelling	-	-	-	-
PC6. Introduce visitors to the local geography. Identify the major landmarks visible in the landscape and provide a brief historical overview of the location (e.g., who were the first settlers, what human activities characterize it today, and so on).	-	-	-	-
<i>Explain the night sky and what the program will be</i>	10	9	-	8
PC7. Explain the directions in the sky, motion of the Sun, Moon and stars, point out visible planets	-	-	-	-
PC8. Point out the bright stars and major constellations and how to use phone apps to identify them	-	-	-	-
PC9. Explain what are the celestial objects that will be shown through the telescope	-	-	-	-
PC10. Engage multiple human senses, such as those of sight, sound and smell	-	-	-	-
<i>Conduct the telescope viewing session and explain what is being seen</i>	-	10	-	8
PC11. Point the telescopes to the pre-determined objects and ensure tracking	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. Guide the participants to see through the eyepieces, adjusting the focus if needed, and ensuring that they see the object properly, and from a stool if needed.	-	-	-	-
PC13. Explain about the object being shown, and answer basic questions about it	-	-	-	-
PC14. Guide participants in taking their own Astro photographs	-	-	-	-
<i>Talk about local cultural astronomy and answer any questions</i>	5	8	-	7
PC15. Know about and explain the astronomy knowledge in the local area, e.g. calendars, usage of constellations in time keeping, agriculture, etc.	-	-	-	-
PC16. Answer basic questions about local astronomy knowledge, Indian astronomy traditions, and point out further reading material for advanced questions	-	-	-	-
PC17. Explain the difference between astronomy and non-scientific disciplines like astrology etc. and the historical and cultural antecedents of each	-	-	-	-
<i>Closing the event safely</i>	-	8	-	5
PC18. Pack up the telescopes safely for storage or transport	-	-	-	-
PC19. Lead the participants to their vehicles or accommodation in the dark conditions and ensure their well being	-	-	-	-
PC20. Provide avenues for feedback from participants	-	-	-	-
NOS Total	20	45	-	35

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National Occupational Standards (NOS) Parameters

NOS Code	THC/N8713
NOS Name	Conduct the Astro tourism event
Sector	Tourism & Hospitality
Sub-Sector	
Occupation	Land-Based Activities
NSQF Level	4
Credits	3
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

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THC/N8714: Operate a telescope

Description

This NOS covers setting up, aligning, and operating a telescope for celestial viewing. It includes handling equipment safely, enabling automated tracking, guiding participants, and ensuring proper maintenance.

Scope

The scope covers the following :

- Binoculars and telescopes function, along with the practical skills to assemble, align and collimate

Elements and Performance Criteria

Assembling, aligning, and placing the telescope for manual use

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

PC1. Set up the telescope on a suitable ground, remove the covers, and attach accessories.

PC2. Align the view-finder, attach the eyepiece, and adjust the length of the optical tube if needed

2 or 3-star alignment of the telescope for motorized pointing and tracking

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

PC3. Align the telescope with 2 or 3-star technique so that the telescope can automatically point and track on celestial objects

PC4. Check if the alignment is correct

PC5. How to unpack and pack the telescope safely and store in a proper way

PC6. Protect the telescope from damage while in use

PC7. Safety of the participants eyes in case telescope is used during daytime

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

KU1. The basic parts and functions of a telescope and its accessories

KU2. The steps for assembling and aligning a telescope for manual use

KU3. The process of 2 & 3 star alignment for automated tracking

KU4. Safety measures for equipment handling and participant eye protection especially during daytime use

Generic Skills (GS)

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

GS1. Follow step by step instructions for setting up and aligning a telescope

GS2. Safely unpack handle and store the telescope and its accessories

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GS3. Communicate safety guidelines clearly to participants

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Assembling, aligning, and placing the telescope for manual use</i>	5	10	-	7
PC1. Set up the telescope on a suitable ground, remove the covers, and attach accessories.	-	-	-	-
PC2. Align the view-finder, attach the eyepiece, and adjust the length of the optical tube if needed	-	-	-	-
<i>2 or 3-star alignment of the telescope for motorized pointing and tracking</i>	5	15	-	8
PC3. Align the telescope with 2 or 3-star technique so that the telescope can automatically point and track on celestial objects	-	-	-	-
PC4. Check if the alignment is correct	-	-	-	-
PC5. How to unpack and pack the telescope safely and store in a proper way	-	-	-	-
PC6. Protect the telescope from damage while in use	-	-	-	-
PC7. Safety of the participants eyes in case telescope is used during daytime	-	-	-	-
NOS Total	10	25	-	15

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National Occupational Standards (NOS) Parameters

NOS Code	THC/N8714
NOS Name	Operate a telescope
Sector	Tourism & Hospitality
Sub-Sector	
Occupation	Land-Based Activities
NSQF Level	4
Credits	1
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

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THC/N8715: Incorporate local astronomy knowledge

Description

This NOS covers using local myths stories and cultural knowledge, about stars and constellations to enhance the Astro tourism experience

Scope

The scope covers the following :

- Using local star lore, traditions, and cultural stories along with scientific facts to make Astro tourism experiences more authentic and engaging. Constituents of the Universe, Dark sky reserves Astro tourism Astrophotography and Culture.

Elements and Performance Criteria

Compiling and understanding the traditional and cultural astronomy in the local communities, and separate it from pseudo-science

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

- PC1.** Compile information about astronomy knowledge in the local communities through reading, talking to local elderly people, and consulting astronomers
- PC2.** Identify the components of traditional and cultural astronomy that are based on empirical observations and practice, as opposed to unscientific beliefs.

Evolve ways of exposing the astro-tourists to this knowledge, orally as well as through printed material

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

- PC3.** Be familiar with the traditional and cultural astronomy knowledge and integrate it into the Astro tourism even
- PC4.** Make this knowledge available in the form of flyers or leaflets if needed
- PC5.** Identify local experts if they exist, who can talk to visiting tourists about their knowledge

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** The different sources of traditional and cultural astronomy within local communities including oral narratives and observational practices
- KU2.** The difference between empirical knowledge, rooted in observation and practices, based on superstition or pseudoscience
- KU3.** Identify methods to document and preserve indigenous astronomical knowledge, respectfully and accurately
- KU4.** Communicate traditional astronomy in a way that complements scientific understanding during Astro tourism events
- KU5.** How to collaborate with local knowledge holders and involve them in tourism activities responsibly

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Generic Skills (GS)

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

- GS1.** Communicate clearly in local language or English when explaining traditional astronomy to tourists
- GS2.** Use active listening and respectful questioning when engaging with community elders or local experts
- GS3.** Apply critical thinking to assess and filter valid traditional knowledge from unscientific beliefs
- GS4.** Use basic writing and design skills to prepare flyers or educational leaflets for tourists

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Compiling and understanding the traditional and cultural astronomy in the local communities, and separate it from pseudo-science</i>	20	20	-	20
PC1. Compile information about astronomy knowledge in the local communities through reading, talking to local elderly people, and consulting astronomers	-	-	-	-
PC2. Identify the components of traditional and cultural astronomy that are based on empirical observations and practice, as opposed to unscientific beliefs.	-	-	-	-
<i>Evolve ways of exposing the astro-tourists to this knowledge, orally as well as through printed material</i>	15	15	-	10
PC3. Be familiar with the traditional and cultural astronomy knowledge and integrate it into the Astro tourism even	-	-	-	-
PC4. Make this knowledge available in the form of flyers or leaflets if needed	-	-	-	-
PC5. Identify local experts if they exist, who can talk to visiting tourists about their knowledge	-	-	-	-
NOS Total	35	35	-	30

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National Occupational Standards (NOS) Parameters

NOS Code	THC/N8715
NOS Name	Incorporate local astronomy knowledge
Sector	Tourism & Hospitality
Sub-Sector	
Occupation	Land-Based Activities
NSQF Level	4
Credits	4
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

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THC/N8716: Engage with homestays, hotels, etc. about promoting Astro tourism

Description

This NOS involves collaborating with homestays, hotels, and local tourism partners to promote Astro tourism experiences, share event information, create packages, offer stargazing and astronomy experiences and encourage visitor participation through joint marketing and guest engagement activities.

Scope

The scope covers the following :

- Building partnerships with accommodation providers and local tourism businesses to promote Astro tourism, develop joint packages, and increase visitor awareness and participation.

Elements and Performance Criteria

Identifying and engaging with tourism stakeholders for Astro tourism

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

- PC1.** Contact stakeholders like tourism agencies, home-stay owners, hotels, etc. for networking
- PC2.** Educate them on the potential for Astro-tourism and the value addition to their programs
- PC3.** Set up a system by which you can advertise and conduct Astro-tours for their clientele
- PC4.** Interact with various stakeholders involved in Astro tourism
- PC5.** Promote Astro Tourism to the common mass and guests of various accommodations nearby
- PC6.** Plan a business idea for promoting Astro Tourism

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** The role of different tourism stakeholders in promoting niche tourism experiences like Astro tourism
- KU2.** The methods of creating tourism partnerships and collaboration models
- KU3.** Basic marketing promotion and business planning principles in the tourism sector

Generic Skills (GS)

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

- GS1.** Communicate effectively with diverse tourism service providers and guests
- GS2.** Use digital tools and platforms to promote Astro tourism activities
- GS3.** Plan and organize Astro tourism events in coordination with hospitality partners

Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Identifying and engaging with tourism stakeholders for Astro tourism</i>	10	25	-	15
PC1. Contact stakeholders like tourism agencies, home-stay owners, hotels, etc. for networking	-	-	-	-
PC2. Educate them on the potential for Astro-tourism and the value addition to their programs	-	-	-	-
PC3. Set up a system by which you can advertise and conduct Astro-tours for their clientele	-	-	-	-
PC4. Interact with various stakeholders involved in Astro tourism	-	-	-	-
PC5. Promote Astro Tourism to the common mass and guests of various accommodations nearby	-	-	-	-
PC6. Plan a business idea for promoting Astro Tourism	-	-	-	-
NOS Total	10	25	-	15

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	THC/N8716
NOS Name	Engage with homestays, hotels, etc. about promoting Astro tourism
Sector	Tourism & Hospitality
Sub-Sector	
Occupation	Land-Based Activities
NSQF Level	4
Credits	1
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

Qualification Pack

THC/N9910: Ensure to maintain organisational confidentiality and guest's privacy

Description

This unit is about ensuring that confidentiality of the organisational information and the privacy of the guests is maintained at all times.

Scope

The scope covers the following :

- Ensure organisational confidentiality
- Ensure guests' privacy

Elements and Performance Criteria

Maintain organisational confidentiality

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

- PC1.** prevent leak of new plans and designs to competitors
- PC2.** ensure protection of employee information
- PC3.** prevent leak of organisation's policies like pricing strategies, revenue management policies, marketing plans etc.
- PC4.** take immediate and appropriate action in case of any IPR violation
- PC5.** make sure that the subordinates report any infringement observed by anyone in the organisation to the immediate supervisor
- PC6.** protect sensitive data with strong passwords and change passwords on a regular basis
- PC7.** ensure policies around confidential information are followed by all staff members

Maintain guests' privacy

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

- PC8.** ensure the team refrains from infringing upon guest's professional deals and plans
- PC9.** make sure guest's personal information and financial data is protected all times
- PC10.** ensure proper disposal of guest's information like booking details, credit card slips etc.

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** basics of IPR Laws, Trademark Laws, Patent Laws, etc. in the country, and penalties associated with them
- KU2.** organisation's policies on intellectual property rights and confidential information
- KU3.** organisation's product, service or design patents
- KU4.** how Intellectual property protection is important for competitiveness of an organisation
- KU5.** guidelines for crafting effective SOPs regarding IPR

Qualification Pack

KU6. procedure for disposal of confidential documents

KU7. confidential data protection methods

Generic Skills (GS)

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

GS1. read and follow IPR and related information documents

GS2. manage communication regarding IPR infringement, prevention, and management

GS3. identify measures that can prevent potential infringements within the team

GS4. evaluate organisation policies and procedures and assess its robustness to prevent IPR infringements

GS5. analyse the impact of IPR infringement on the guests and the organization

Qualification Pack

Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Maintain organisational confidentiality</i>	6	3	-	3
PC1. prevent leak of new plans and designs to competitors	-	-	-	-
PC2. ensure protection of employee information	-	-	-	-
PC3. prevent leak of organisation's policies like pricing strategies, revenue management policies, marketing plans etc.	-	-	-	-
PC4. take immediate and appropriate action in case of any IPR violation	-	-	-	-
PC5. make sure that the subordinates report any infringement observed by anyone in the organisation to the immediate supervisor	-	-	-	-
PC6. protect sensitive data with strong passwords and change passwords on a regular basis	-	-	-	-
PC7. ensure policies around confidential information are followed by all staff members	-	-	-	-
<i>Maintain guests' privacy</i>	4	2	-	2
PC8. ensure the team refrains from infringing upon guest's professional deals and plans	-	-	-	-
PC9. make sure guest's personal information and financial data is protected all times	-	-	-	-
PC10. ensure proper disposal of guest's information like booking details, credit card slips etc.	-	-	-	-
NOS Total	10	5	-	5

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	THC/N9910
NOS Name	Ensure to maintain organisational confidentiality and guest's privacy
Sector	Tourism & Hospitality
Sub-Sector	Hotels/Restaurant, Tours and Travels, Facility Management, Cruise
Occupation	Generic
NSQF Level	6
Credits	1
Version	4.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

Qualification Pack

THC/N9906: Follow Health, Hygiene and Safety practices

Description

This OS unit is about ensuring a hazard free working environment along with maintaining health and hygiene.

Scope

The scope covers the following :

- Maintain personal and workplace hygiene
- Take precautionary health measures
- Follow standard safety procedure
- Follow effective waste management

Elements and Performance Criteria

Maintain personal and workplace hygiene

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

- PC1.** wash and sanitize hands at regular intervals using hand wash & alcohol-based sanitizers
- PC2.** clean the workplace with appropriate cleaning solution and disinfectants as recommended
- PC3.** clean the crockery and other articles as per established standards
- PC4.** sanitize all tools and equipment requiring touch points at regular intervals
- PC5.** ensure that the trashcans are cleared regularly following the cleanliness and maintenance schedule
- PC6.** use appropriate PPE (headwear, glasses, goggles, footwear etc.) considering the task to be performed and the working environment
- PC7.** dispose of the waste as per the prescribed standards
- PC8.** maintain personal hygiene by brushing teeth regularly, wearing clean clothes, following a healthy diet etc.

Take precautionary health measures

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

- PC9.** attend regular health check-ups organized by the management
- PC10.** report personal health issues related to injury, food, air and infectious disease
- PC11.** report to the concerned authority in case any coworker is unwell

Follow standard safety procedure

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

- PC12.** follow safety procedures while handling materials, tools, equipment etc.
- PC13.** follow first aid procedures appropriately
- PC14.** identify hazards at the workplace and report to the concerned person in time

Follow effective waste management

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

- PC15.** identify and segregate recyclable, non-recyclable and hazardous waste at workplace

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- PC16.** segregate waste into different coloured dustbins
- PC17.** handle the waste as per SOP
- PC18.** recycle waste wherever applicable
- PC19.** dispose of PPEs in a plastic bag, sealed and labelled as infectious waste

Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1.** organisation's policy on reporting and managing safety issues
- KU2.** procedure to maintain cleanliness standards at workplace
- KU3.** SOP on personal hygiene
- KU4.** importance of preventive health checkup and healthy living
- KU5.** procedure to report health issues
- KU6.** instructions for operating and handling equipment as per standard
- KU7.** purpose and usage of PPE
- KU8.** basic first-aid procedures
- KU9.** standard waste management policy

Generic Skills (GS)

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

- GS1.** read organisation policy, procedure manuals and instructions, documents and information displayed at the workplace
- GS2.** fill in relevant forms, formats and checklist accurately
- GS3.** communicate effectively with guests and co-workers
- GS4.** analyze the impact of not adhering to the health and safety procedures

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Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Maintain personal and workplace hygiene</i>	10	10	-	5
PC1. wash and sanitize hands at regular intervals using hand wash & alcohol-based sanitizers	-	-	-	-
PC2. clean the workplace with appropriate cleaning solution and disinfectants as recommended	-	-	-	-
PC3. clean the crockery and other articles as per established standards	-	-	-	-
PC4. sanitize all tools and equipment requiring touch points at regular intervals	-	-	-	-
PC5. ensure that the trashcans are cleared regularly following the cleanliness and maintenance schedule	-	-	-	-
PC6. use appropriate PPE (headwear, glasses, goggles, footwear etc.) considering the task to be performed and the working environment	-	-	-	-
PC7. dispose of the waste as per the prescribed standards	-	-	-	-
PC8. maintain personal hygiene by brushing teeth regularly, wearing clean clothes, following a healthy diet etc.	-	-	-	-
<i>Take precautionary health measures</i>	5	5	-	-
PC9. attend regular health check-ups organized by the management	-	-	-	-
PC10. report personal health issues related to injury, food, air and infectious disease	-	-	-	-
PC11. report to the concerned authority in case any coworker is unwell	-	-	-	-
<i>Follow standard safety procedure</i>	5	10	-	5

Qualification Pack

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC12. follow safety procedures while handling materials, tools, equipment etc.	-	-	-	-
PC13. follow first aid procedures appropriately	-	-	-	-
PC14. identify hazards at the workplace and report to the concerned person in time	-	-	-	-
<i>Follow effective waste management</i>	5	10	-	5
PC15. identify and segregate recyclable, non-recyclable and hazardous waste at workplace	-	-	-	-
PC16. segregate waste into different coloured dustbins	-	-	-	-
PC17. handle the waste as per SOP	-	-	-	-
PC18. recycle waste wherever applicable	-	-	-	-
PC19. dispose of PPEs in a plastic bag, sealed and labelled as infectious waste	-	-	-	-
NOS Total	25	35	-	15

Qualification Pack

National Occupational Standards (NOS) Parameters

NOS Code	THC/N9906
NOS Name	Follow Health, Hygiene and Safety practices
Sector	Tourism & Hospitality
Sub-Sector	Hotels/Restaurant, Tours and Travels, Facility Management, Cruise
Occupation	Generic
NSQF Level	3
Credits	1
Version	2.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

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>	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	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
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. follow verbal and non-verbal communication etiquette and active listening techniques in various settings	-	-	-	-
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	-	-	-	-

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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<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 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	-	-

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National Occupational Standards (NOS) Parameters

NOS Code	DGT/VSQ/N0102
NOS Name	Employability Skills (60 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
NSQF Level	4
Credits	2
Version	1.0
Last Reviewed Date	07/10/2025
Next Review Date	07/10/2028
NSQC Clearance Date	07/10/2025

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) will be assigned marks proportional to its importance in NOS. SSC will also lay down the proportion of marks for Theory and Skills Practical for each PC. (PLEASE NOTE THAT MOST PRACTICAL EXAMS AS WELL AS PRACTICAL SESSIONS WILL BE AFTER DARK (For Astro Tour Guide)).
2. The assessment for the theory part will be based on the 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 the 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 these criteria.
6. To pass the Qualification Pack assessment, every trainee should score a minimum of 70% of %

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aggregate marks to successfully clear the assessment.

7. 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
THC/N8711. Plan for an Astro tourism event	30	30	-	40	100	15
THC/N8712. Prepare for the domain knowledge needed for an Astro tourism event	10	25	-	15	50	15
THC/N8713. Conduct the Astro tourism event	20	45	-	35	100	15
THC/N8714. Operate a telescope	10	25	-	15	50	15
THC/N8715. Incorporate local astronomy knowledge	35	35	-	30	100	15
THC/N8716. Engage with homestays, hotels, etc. about promoting Astro tourism	10	25	-	15	50	10
THC/N9910. Ensure to maintain organisational confidentiality and guest's privacy	10	5	-	5	20	5
THC/N9906. Follow Health, Hygiene and Safety practices	25	35	-	15	75	5
DGT/VSQ/N0102. Employability Skills (60 Hours)	20	30	-	-	50	5
Total	170	255	-	170	595	100

Qualification Pack

Acronyms

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training
NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualification Pack
TVET	Technical and Vocational Education and Training
IPR	Intellectual Property Rights
OH&S	Occupational Health and Safety
PPE	Personal Protective Equipment
HACCP	Hazard Analysis and Critical Control Points
FSSAI	Food Safety and Standards Authority of India
ISO	International Standards Organization

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Glossary

Sector	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.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	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.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	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.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	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.
Scope	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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Knowledge and Understanding (KU)	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.
Organisational Context	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.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	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.
Electives	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.
Options	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.
ISO	The International Organization for Standardization