



Model Curriculum

QP Name: Nature Guide

QP Code: THC/Q8701

QP Version: 1.0

NSQF Level: 4

Model Curriculum Version: 1.0

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Training Parameters

Sector	Tourism & Hospitality
Sub-Sector	Adventure Tourism
Occupation	Land Based Activities
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/4221.0100
Minimum Educational Qualification & Experience	Class 8 th
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 Years
Last Reviewed On	24.12.2020
Next Review Date	24.12.2023
NSQC Approval Date	24.12.2020
Version	1.0
Model Curriculum Creation Date	24.12.2020
Model Curriculum Valid Up to Date	24.12.2023
Model Curriculum Version	1.0
Minimum Duration of the Course	188 Hours, 0 Minutes
Maximum Duration of the Course	188 Hours, 0 Minutes

Program Overview

This section summarizes the end objectives of the program along with its duration.

Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills.

- Prepare for Guiding Activity on Safaris and Nature Trails
- Conduct Guiding Activity During Safaris and Nature Trails
- Assess and Mitigate Risks
- Communicate with Customer and Colleagues
- Follow Gender and Age Sensitive Practices
- Maintain Safe, Healthy and Hygienic Practices
- Follow and Maintain Green Practices

Compulsory Modules

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
Introduction to Eco Tours in Wildlife Tourism <i>Bridge Module</i>	04:00	00:00	08:00	00:00	12:00
THC/N8702 – Prepare for Guiding Activity on Safaris and Nature Trails NOS Version No. 1.0 NSQF Level 4	04:00	04:00	04:00	00:00	12:00
Prepare for Guiding	04:00	04:00	04:00	00:00	12:00
THC/N8708 – Conduct Guiding Activity During Safaris and Nature Trails NOS Version No. 1.0 NSQF Level 4	20:00	24:00	24:00	00:00	68:00
Conduct Guiding Activity	08:00	12:00	12:00	00:00	32:00
Characteristics of Nature, Flora and Fauna	12:00	12:00	12:00	00:00	36:00
THC/N8709- Assess and Mitigate Risks NOS Version No. 1.0 NSQF Level 4	04:00	08:00	04:00	00:00	16:00

Risk Assessment	04:00	08:00	04:00	00:00	16:00
THC/N9913 Communicate with Customers and Colleagues NOS Version No. 1.0 NSQF Level 4	08:00	04:00	04:00	00:00	16:00
Effective Communication	08:00	04:00	04:00	00:00	16:00
THC/N9914 Follow Gender and Age Sensitive Practices NOS Version No. 1.0 NSQF Level 4	04:00	04:00	04:00	00:00	12:00
Gender and Age Sensitivity	04:00	04:00	04:00	00:00	12:00
THC/N9915 Maintain Safe, Healthy and Hygienic Practices NOS Version No. 1.0 NSQF Level 4	08:00	12:00	12:00	00:00	32:00
Health and Hygiene	08:00	12:00	12:00	00:00	32:00
THC/N9916 Follow and Maintain Green Practices NOS Version No. 1.0 NSQF Level 4	04:00	08:00	08:00	00:00	20:00
Green Practices	04:00	08:00	08:00	00:00	20:00
Total Duration	56:00	64:00	68:00	00:00	188:00

Module Details

Module 1: Introduction to Eco tours in Wildlife Tourism *Bridge Module*

Terminal Outcomes:

- Explain the importance of nature walks, safaris in ecotourism
- List the industry SOPs in ecotourism
- Identify the hierarchy in ecotourism

Duration: 04:00	Duration: 00:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● Explain different types of tourism ● Describe the importance of Eco tours as a part of adventure tourism ● Elaborate the hierarchy of job roles in Eco tourism ● List the industry practices in ecotourism ● Explain the roles and responsibilities of a nature guide in adventure tourism ● Describe the attributes required for a nature guide 	NA
Classroom Aids:	
LCD Projector for PPT and Video Presentation, Speakers and Whiteboard & marker	
Tools, Equipment and Other Requirements	
NA	

Module 2: Prepare for Guiding

Mapped to: THC/N8702

Terminal Outcomes:

- Prepare for a relevant guiding activity (Safari, Nature Trail)
- Provide and collect pre-trip information from guests and colleagues

Duration: 04:00	Duration: 04:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● List pre-activity details to be shared with guests ● List pre-trip information to be collected from guests ● List the basic fitness levels and medical conditions required from guests for the nature guiding activity ● Explain different environment and safety norms related to nature guiding activity 	<ul style="list-style-type: none"> ● Create a plan for a nature guiding activity including logistical requirements and planned routes ● Create and fill a sample pre-activity form using guest details collated from guest interactions
Classroom Aids:	
LCD Projector for PPT and Video Presentation, Speakers, Whiteboard & marker	
Tools, Equipment and Other Requirements	
Forms and Formats	

Module 3: Conduct Guiding Activity

Mapped to: THC/N8708

Terminal Outcomes:

- Brief guests about activity
- Achieve customer satisfaction
- Manage people with disabilities

Duration: 08:00	Duration: 12:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Describe the importance of maintaining clarity, honesty, and transparency with guests • Explain the dos and don'ts of communicating with guests • Explain how to handle people with disabilities. • Describe the importance of dealing with grievances effectively and in time • Discuss the importance of following the standard procedure to conduct debriefing of a sub activity/forest section 	<ul style="list-style-type: none"> • Role play briefing sessions with guests which includes information about location and landscape, expected spotting, daily animal movement news and planned duration • Role play on how to address guest grievances • Role play on how to resolve minor logistical problems
Classroom Aids:	
LCD Projector for PPT and Video Presentation, Speakers, Whiteboard & marker	
Tools, Equipment and Other Requirements	
Camera, Binoculars, Logbook, Compass, Field guides	

Module 4: Characteristics of Nature, Flora and Fauna

Mapped to: THC/N8708

Terminal Outcomes:

- Get an understanding of nature, flora and fauna
- Follow environment norms and guiding SOPs

<i>Duration: 12:00</i>	<i>Duration: 12:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● List common and local flora and fauna species ● Explain the importance of setting authentic and realistic activity expectations ● Describe the safety guidelines to be followed for self and guests ● Describe environment and guiding norms and ethics ● Explain the importance of following SOPs ● Describe how to interpret weather conditions ● List different types of permit required ● Explain forest laws and local guidelines 	<ul style="list-style-type: none"> ● Demonstrate how to spot species of birds and trees ● Employ practices of using reference material and resources like field guides, etc. ● Employ suitable practices to handle and maintain guiding equipment such as binoculars, compass, etc.
Classroom Aids:	
LCD Projector for PPT and Video Presentation, Speakers, Whiteboard & marker	
Tools, Equipment and Other Requirements	
Camera, Binoculars, Field guides	

Module 5: Risk Assessment

Mapped to: THC/N8709

Terminal Outcomes:

- Assess risk and handle emergencies

Duration: 04:00	Duration: 08:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● Explain safety measures to be followed for insect bites and animal attacks ● Describe safety emergency evacuation plan and protocols during vehicle breakdowns and natural calamities such as landslides, etc. ● Explain emergency evacuation plan and protocols during health-related emergencies. ● Explain how to conduct risk assessment during nature trails 	<ul style="list-style-type: none"> ● Practice how to use emergency equipment such as spinal board, etc. ● Demonstrate wilderness first aid and CPR techniques ● Role play evacuation procedure to be followed during natural disasters, animal attacks or vehicle breakdown
Classroom Aids:	
LCD Projector for PPT and Video Presentation, Speakers, Whiteboard & Marker	
Tools, Equipment and Other Requirements	
First aid kits, Emergency Equipment e.g., Spinal Board, Safety Equipment	

Module 6: Effective Communication

Mapped to: THC/N9913

Terminal Outcomes:

- Interact with superiors and colleagues
- Communicate effectively with guests

Duration: 08:00	Duration: 04:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● Identify the importance of trust, support and respect to colleagues and superiors ● Describe how to identify and resolve potential and existing conflicts with colleagues ● Explain the methods for effective communication with various people ● Describe the importance of effective listening, use of appropriate voice tone and pitch for communication ● Explain the importance of guest satisfaction and guest feedback 	<ul style="list-style-type: none"> ● Demonstrate professional etiquette while greeting the office staff and guests ● Role Play on how to converse with office staff and guests ● Role play how to handle customer concerns effectively
Classroom Aids:	
LCD Projector for PPT and Video Presentation, Speakers, Whiteboard & Marker	
Tools, Equipment and Other Requirements	
NA	

Module 7: Gender and Age Sensitivity

Mapped to: THC/N9914

Terminal Outcomes:

- Provide different age and gender specific customer service

Duration: 04:00	Duration: 04:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● Explain different needs and wants of of each category of customer, e.g., for an infant, for a young woman, for an old person, for others ● Describe behavioural etiquette while dealing with women ● List the safety measures available for female colleagues and customers ● Discuss the importance of being vigilant for potential breach of safety of women, children or elderly people 	<ul style="list-style-type: none"> ● Role play appropriate behavioral etiquettes towards all ages, genders and differently abled people as per specification
Classroom Aids:	
LCD Projector for PPT and Video Presentation, Speakers, Whiteboard & Marker	
Tools, Equipment and Other Requirements	
NA	

Module 8: Health and Hygiene

Mapped to: THC/N8715

Terminal Outcomes:

- Follow standard safety procedures to avoid work hazards
- Ensure cleanliness around workplace
- Follow personal hygiene practices and take precautionary health measures

Duration: 08:00	Duration: 12:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● Identify possible hazards in the work areas and take necessary steps to eliminate or minimize them ● Discuss the need for personal and workplace hygiene and methods to maintain the same ● Explain the importance of preventive health check-ups and vaccinations 	<ul style="list-style-type: none"> ● Demonstrate the procedure for routine cleaning, sanitization and storing of tools, equipment, and other articles ● Keep work area clean, hygienic and hazard free ● Demonstrate ergonomic lifting, bending or moving equipment and supplies ● Demonstrate use of personal protective equipment ● Perform emergency procedures using fire safety equipment, first aid equipment ● Identify hazard symbols related to general warning, health hazard, biohazard, harmful irritant, poison/toxic material, carcinogen hazard, explosive hazard, electrical hazard, hot surface, low temperature warning symbol ● Demonstrate the use of safety equipment for fire safety, physical safety, first aid equipment such as Automated External Defibrillator (AED)
Classroom Aids:	
LCD Projector for PPT and Video Presentation, Speakers, Whiteboard & Marker	
Tools, Equipment and Other Requirements	
Physical Safety Equipment, Personal Protective Equipment, Fire Safety Equipment, First Aid Equipment	

Module 9: Green Practices

Mapped to: THC/N9916

Terminal Outcomes:

- Follow material conservation and eco-friendly practices
- Ensure effective waste management/recycling practices

Duration: 04:00	Duration: 08:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● Explain different types of wastewater ● Describe methods to manage non-recyclable waste ● Explain the need for following eco-friendly practices ● Explain common sources of pollution and ways to minimize them 	<ul style="list-style-type: none"> ● Demonstrate material conservation practices like using dead, dry fallen sticks instead of big logs for bonfire etc. ● Demonstrate methods to dispose-off non-recyclable waste appropriately ● Employ appropriate methods to reuse and recycle waste
Classroom Aids:	
LCD Projector for PPT and Video Presentation, Speakers, Whiteboard & Marker	
Tools, Equipment and Other Requirements	
Waste bins	

Module: On-the-Job Training Mapped to Nature Guide

Mandatory Duration: 68: 00	Recommended Duration: 00: 00
Module Name: On-the-Job Training	
Location: On Site	
Terminal Outcomes	
<ul style="list-style-type: none">● Collate pre-activity information, including logistical requirements and guest information, for a guiding activity (Safari, Nature Trail)● Conduct a nature guiding activity for guests● Practice how to show sensitization towards people with disabilities● Assess risks and handle emergencies during a nature guiding activity● Communicate effectively with guests and colleagues● Provide customized age and gender specific customer service● Follow standard safety procedures to avoid work hazards● Ensure cleanliness around workplace● Take precautionary health measures● Follow material conservation practices● Ensure effective and eco-friendly waste management/recycling practices	

Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
Class 12 th pass	Naturalist	5 Years- Naturalist OR	Naturalist/ Nature Guide	1	Naturalist/ Nature Guide	
Class 8 th pass	Nature Guide	10 Years- Nature Guide				

Trainer Certification	
Domain Certification	Platform Certification
“Nature Guide”, “THC/Q8601” v1.0”, Minimum accepted score is 80%	“Trainer”, “MEP/Q2601” with a scoring of minimum 80%

Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Class 12 th pass	Naturalist	5 Years- Naturalist OR	Naturalist/ Nature Guide	1	Naturalist/ Nature Guide	
Class 12 th pass	Nature Guide	10 Years- Nature Guide				

Assessor Certification	
Domain Certification	Platform Certification
“Nature Guide”, “THC/Q8601” with a scoring of minimum 80%	“Assessor”, “MEP/Q2701” with the scoring of minimum 80%

Assessment Strategy

This section includes the processes involved in identifying, gathering, and interpreting information to evaluate the learner on the required competencies of the program.

1. Assessment System Overview:

- Batches assigned to the assessment agencies for conducting the assessment on SDSM/SIP or email
- Assessment agencies send the assessment confirmation to VTP/TC looping SSC
- Assessment agency deploys the ToA certified Assessor for executing the assessment
- SSC monitors the assessment process & records
- If the batch size is more than 30, then there should be 2 Assessors.

2. Testing Environment: Assessor must:

- Confirm that the centre is available at the same address as mentioned on SDMS or SIP
- Check the duration of the training.
- Check the Assessment Start and End time to be as 10 a.m. and 5 p.m.
- Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.
- Check the mode of assessment—Online (TAB/Computer) or Offline (OMR/PP).
- Confirm the number of TABs on the ground are correct to execute the Assessment smoothly.
- Check the availability of the Lab Equipment for the particular Job Role.

3. Assessment Quality Assurance levels / Framework:

- Question papers created by the Subject Matter Experts (SME)
- Question papers created by the SME should be verified by the other subject Matter Experts along with the approval required from THSC
- Questions are mapped with NOS and PC
- Question papers are prepared considering that level 1 to 3 is for the unskilled & semi-skilled individuals, and level 4 and above are for the skilled, supervisor & higher management
- Assessor must be ToA certified
- Assessment agency must follow the assessment guidelines to conduct the assessment

4. Types of evidence or evidence-gathering protocol:

- Time-stamped & geotagged reporting of the assessor from assessment location
- Centre photographs with signboards and scheme specific branding
- Biometric or manual attendance sheet (stamped by TP) of the trainees during the training period
- Time-stamped & geotagged assessment (Theory + Viva + Practical) photographs & videos

5. Method of verification or validation:

- Surprise visit to the assessment location
- Random audit of the batch
- Random audit of any candidate

6. Method for assessment documentation, archiving, and access

- Hard copies of the documents are stored
- Soft copies of the documents & photographs of the assessment are uploaded / accessed from Cloud Storage and in the Hard Drives

References

Glossary

Term	Description
Declarative Knowledge	Declarative knowledge refers to facts, concepts and principles that need to be known and/or understood in order to accomplish a task or to solve a problem.
Key Learning Outcome	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order to achieve the terminal outcomes. A set of key learning outcomes will make up the training outcomes. Training outcome is specified in terms of knowledge, understanding (theory) and skills (practical application).
OJT (M)	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on site
OJT (R)	On-the-job training (Recommended); trainees are recommended the specified hours of training on site
Procedural Knowledge	Procedural knowledge addresses how to do something, or how to perform a task. It is the ability to work, or produce a tangible work output by applying cognitive, affective or psychomotor skills.
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training.
Terminal Outcome	Terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.

Acronyms and Abbreviations

QP	Qualifications Pack
NSQF	National Skills Qualifications Pack
NOS	National Occupational Standard
TVET	Technical and Vocational Education and Training
SOP	Standard Operating Procedure
OH&S	Occupational Health and Safety
PPE	Personal Protective Equipment
WFA	Wilderness First Aid
CPR	Cardiopulmonary Resuscitation
AED	Automated External Defibrillator