



Model Curriculum

QP Name: Parasailing (Equipment) Driver

QP Code: THC/Q4516

QP Version: 2.0

NSQF Level: 4

Model Curriculum Version: 1.0

Tourism & Hospitality Skill Council || 404/407, 4th floor, Mercantile House, K.G. Marg, Connaught Place
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Training Parameters

Sector	Tourism & Hospitality
Sub-Sector	Adventure Tourism
Occupation	Air-Based Activities
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/4221.0100
Minimum Educational Qualification and Experience	<p>8th Class with 2 Years of experience as Parasailing Launcher/Receiver and should have 500 hours of towing of parasail and valid driver's license for boat and/or four wheel vehicle, Emergency First Responder (EFR) Course, Proficiency in swimming for sea parasailing.</p> <p style="text-align: center;">OR</p> <p>Certificate-NSQF Level 3 – Parasailing Launcher/Receiver with 2 Years of experience and should have 300 hours of supervised vehicle/boat driving training including towing of parasail and Valid driver's license for boat and/or four wheel vehicle, Emergency First Responder (EFR) Course, Proficiency in swimming for sea parasailing.</p>
Pre-Requisite License or Training	NA
Minimum Job Entry Age	20 years
Last Reviewed On	31/08/2021
Next Review Date	31/08/2024
NSQC Approval Date	31/08/2021
QP Version	1.0
Model Curriculum Creation Date	31/08/2021
Model Curriculum Valid Up to Date	31/08/2024
Model Curriculum Version	1.0



Minimum Duration of the Course	390 Hours
Maximum Duration of the Course	390 Hours

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 will be able to:

- Perform steps to prepare for the parasailing flight
- Perform activities related to the parasailing flying activity
- Apply appropriate methods to conduct post parasailing flight formalities
- Explain the significance of assessing and mitigating risks in parasailing
- Employ suitable methods of communicating with customers and colleagues
- Apply appropriate gender and age sensitive practices
- Employ safe, healthy and hygienic practices
- Explain the steps to 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
THC/N9005: Conduct Pre-flight Vehicle/Boat Checks as a Parasailing (Equipment) Driver NOS Version No. 1.0 NSQF Level 4	12:00	15:00	30:00	00:00	57:00
Module 1: Introduction to the role of Parasailing (Equipment) Driver in Adventure Tourism Industry and SOPs	06:00	00:00	06:00	00:00	12:00
Module 2: Organizing Pre Parasailing Flight Requirements	06:00	15:00	24:00	00:00	45:00
THC/N9010: Operate the Vehicle/Boat for a Parasailing Flight NOS Version No. 1.0 NSQF Level 4	12:00	54:00	72:00	00:00	138:00
Module 3: Conducting the Parasailing Flight	09:00	48:00	60:00	00:00	117:00
Module 4: Following Environmental and Conservation Practices	03:00	06:00	12:00	00:00	21:00
THC/N9020: Conduct Post-Flight Closure as a Parasailing (Equipment) Driver NOS Version No. 1.0 NSQF Level 4	06:00	12:00	15:00	00:00	33:00

Module 5: Conducting Post Parasailing Flight Formalities	06:00	12:00	15:00	00:00	30:00
THC/N9021: Assess and Mitigate Risks as a Parasailing (Equipment) Driver NOS Version No. 1.0 NSQF Level 4	06:00	24:00	48:00	00:00	78:00
Module 6: Assessing and Mitigating Risks	06:00	24:00	48:00	00:00	78:00
THC/N9913 Communicate with Customers and Colleagues NOS Version No. 1.0 NSQF Level 4	06:00	06:00	12:00	00:00	24:00
Module 7: Effective Communication	06:00	06:00	12:00	00:00	24:00
THC/N9914 Follow Gender and Age Sensitive Practices NOS Version No. 1.0 NSQF Level 4	06:00	03:00	12:00	00:00	21:00
Module 8: Gender and Age Sensitivity	06:00	03:00	12:00	00:00	21:00
THC/N9915 Maintain Safe, Healthy and Hygienic Practices NOS Version No. 1.0 NSQF Level 4	06:00	03:00	12:00	00:00	21:00
Module 9: Health and Hygiene	06:00	03:00	12:00	00:00	21:00
THC/N9916 Follow and Maintain Green Practices NOS Version No. 1.0 NSQF Level 4	06:00	03:00	09:00	00:00	18:00
Module 10: Green Practices	06:00	03:00	09:00	00:00	18:00
Total Duration	60:00	120:00	210:00	00:00	390:00

Module Details

Module 1: Introduction to the role of Parasailing (Equipment) Driver in Adventure Tourism Industry and SOPs

Bridge Module

Terminal Outcomes:

- Explain the importance and scope of air-based activities in adventure tourism
- Elaborate the importance of a Parasailing (Equipment) Driver in adventure tourism
- List SOPs in air-based activities for adventure tourism
- Explain the hierarchy of job roles in air-based activities
- Elaborate on the problems related to over tourism in air-based activities

Duration: 06:00	Duration: 00:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Describe the scope of the Indian parasailing industry as part of adventure tourism • Discuss the economic benefits and problems related with overuse of air-based activities for tourism • List the SOPs in air-based activities to be followed as part of adventure tourism • Explain the hierarchy of job roles in parasailing in the adventure tourism industry • Explain the role of a Parasailing (Equipment) Driver in air based activities in adventure tourism • Describe the attributes required for the Parasailing (Equipment) Driver job role 	
Classroom Aids	
LCD Projector for PPT and Video Presentation, Speakers, Whiteboard & Marker	
Tools, Equipment and Other Requirements	
NA	

Module 2: Organizing Pre Parasailing Flight Requirements

Mapped to: THC/N9005

Terminal Outcomes:

- Apply appropriate practises to plan and prepare ahead of the flight
- Explain tasks to be completed for flight preparation
- Apply suitable methods to check the condition of flight equipment

Duration: 06:00	Duration: 15:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • List the SOPs, safety standards and documentation procedures followed in the company • List the information to be gathered before the parasailing activity and discuss its importance • Explain the importance of conducting vehicle/boat system and fuel checks before the activity and replacing damaged or faulty parts • Discuss the importance of coordinating with the parasailing launcher receiver before the activity • Explain the importance of checking wind and weather conditions before a parasailing flight 	<ul style="list-style-type: none"> • Create a sample list of information to be gathered for preparation of the parasailing activity • Demonstrate appropriate methods of conducting vehicle/boat inspection, part repair and refuelling
Classroom Aids	
LCD Projector for PPT and Video Presentation, Speakers and Whiteboard & Marker	
Tools, Equipment and Other Requirements	
Body harnesses, helmets, two-way radios, action cameras, personal flotation devices (PFD), wind speed meter, wind direction socks, parachute and its connections, tow rope, knee and elbow pads, canopy, vehicle/boat, first-aid kit, equipment logbooks, activity documents, writing tools, outdoor environment.	

Module 3: Conducting the Parasailing Flight

Mapped to: THC/N9010

Terminal Outcomes:

- Apply appropriate techniques for briefing the students/clients before the flight
- Explain the importance of coordinating with the students/clients/team during flights
- Apply suitable protocols for assisting persons with disability

Duration: 09:00	Duration: 54:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Discuss the importance of briefing the students/clients and demonstrating getting on or off the vehicle/boat and how to sit before the parasailing activity • Explain the importance of assisting the students/clients with wearing safety gear • Discuss the importance of checking the activity site for hazards and wind conditions • Elaborate the steps to be taken while driving the vehicle/boat to ensure a safe and smooth flight • Discuss the importance of maintaining constant communication with the staff before and during the parasailing flight • Discuss the importance of monitoring the mental state of the student/client during the flight • Explain the importance of respecting and assisting persons with disabilities during a parasailing activity 	<ul style="list-style-type: none"> • Demonstrate methods to conduct a briefing on vehicle/boat safety protocols for the students/clients • Apply suitable practices to assist the students/clients with putting on the personal safety equipment • Apply suitable practices to use signs and symbols as well as two-way radios to communicate with the parasailing staff during the flight • Demonstrate vehicle/boat driving techniques • Demonstrate suitable methods of dealing with students/clients displaying behavioural issues during a flight • Role play a situation to assist persons with disabilities in pursuing a parasailing activity
Classroom Aids	
LCD Projector for PPT and Video Presentation, Speakers and Whiteboard & Marker	
Tools, Equipment and Other Requirements	
Body harnesses, helmets, two-way radios, action cameras, personal flotation devices (PFD), wind speed meter, wind direction socks, parachute and its connections, tow rope, knee and elbow pads, canopy, vehicle/boat, first-aid kit, equipment logbooks, activity documents, writing tools, outdoor environment.	

Module 4: Following Environmental and Conservation Practices

Mapped to: *THC/N9010*

Terminal Outcomes:

- Employ appropriate practices to minimise environmental impact of the parasailing activity at the flying site
- Explain the importance of proper waste disposal in the wilderness

Duration: 03:00	Duration: 06:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Explain the importance of following environmental ethics and practises including minimum impact policies during the parasailing activity • Discuss the importance of protecting the environment around the activity area 	<ul style="list-style-type: none"> • Apply suitable techniques to collect and dispose waste generated during the parasailing activity
Classroom Aids	
LCD Projector for PPT and Video Presentation, Speakers and Whiteboard & marker	
Tools, Equipment and Other Requirements	
Bio-degradable bags, dustbins, outdoor environment.	

Module 5: Conducting Post Parasailing Flight Formalities

Mapped to: THC/N9020

Terminal Outcomes:

- Employ suitable methods to check the condition of the vehicle/boat
- Perform required steps to submit logbooks and exchange feedback

Duration: 06:00	Duration: 12:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Discuss the importance of cleaning the vehicle/boat and checking for damages after the flying activity • Discuss the importance of assisting the launcher/receiver in cleaning and packing all equipment post the flying activity • Discuss the importance of updating the log book with vehicle/boat/tow usage hours and loss or damaged equipment post the flying activity 	<ul style="list-style-type: none"> • Demonstrate suitable techniques and methods of parasailing vehicle/boat check and cleaning • Apply appropriate practices to update the post flying activity equipment, incident logbook
Classroom Aids	
LCD Projector for PPT and Video Presentation, Speakers and Whiteboard & marker	
Tools, Equipment and Other Requirements	
Body harnesses, helmets, two-way radios, action cameras, personal flotation devices (PFD), wind speed meter, wind direction socks, parachute and its connections, tow rope, knee and elbow pads, canopy, vehicle/boat, first-aid kit, equipment logbooks, activity documents, writing tools, outdoor environment.	

Module 6: Assessing and Mitigating Risks

Mapped to: THC/N9021

Terminal Outcomes:

- Explain the steps to take safety measures
- Apply suitable methods to respond to emergency situations
- Apply suitable methods to assist with evacuation procedures

Duration: 06:00	Duration: 24:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Explain the importance of conducting risk assessment on the activity site prior to the flying activity • Explain the types of weather, wind and visibility conditions in which the parasailing activity should not take place • Discuss the importance of checking if self/team/students/clients are wearing their safety equipment • Elaborate steps to be taken in case of an accident or line break • Discuss SOPs for disaster management and evacuation 	<ul style="list-style-type: none"> • Demonstrate the methods of conducting a wind and weather assessment at the activity site • Demonstrate the use of two-way radios, safety equipment, first aid kit and CPR during emergency and evacuation in a parasailing activity • Demonstrate suitable rescue and evacuation procedures during an emergency
Classroom Aids	
LCD Projector for PPT and Video Presentation, Speakers and Whiteboard & marker	
Tools, Equipment and Other Requirements	
Body harnesses, helmets, two-way radios, action cameras, personal flotation devices (PFD), wind speed meter, wind direction socks, parachute and its connections, tow rope, knee and elbow pads, canopy, vehicle/boat, first-aid kit, equipment logbooks, activity documents, writing tools, outdoor environment.	

Module 7: Effective Communication

Mapped to: THC/N9913

Terminal Outcomes:

- Apply appropriate practises to interact with superiors and colleagues
- Apply suitable methods to effectively communicate Employ with guests

Duration: 06:00	Duration: 06:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● Explain 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 8: Gender and Age Sensitivity

Mapped to: THC/N9914

Terminal Outcomes:

- Employ suitable practices for age and gender specific customer service

Duration: 06:00	Duration: 03:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● Describe behavioral etiquette while dealing with women ● List the safety measures available for female colleagues and customers ● Explain the importance of being vigilant for any mishaps related to women, children or elderly people ● Explain women rights and how to respect women 	<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 9: Health and Hygiene

Mapped to: THC/N9915

Terminal Outcomes:

- Perform steps to follow standard safety procedures
- Employ practises to maintain a clean workplace
- Employ suitable practises for personal hygiene and precautionary health measures

Duration: 06:00	Duration: 03:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> ● List possible hazards in the work areas and take necessary steps to eliminate or minimize them ● Explain 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 ● Show how to 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 ● Show 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 10: Green Practices

Mapped to: THC/N9916

Terminal Outcomes:

- Employ appropriate methods for material conservation and eco-friendly practices
- Apply methods for effective waste management/recycling practices

Duration: 06:00	Duration: 03:00
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 11: On-the-Job Training

Mapped to Parasailing (Equipment) Driver

Mandatory Duration: 210:00	Recommended Duration: 00:00
Module Name: On-the-Job Training	
Location: On Site	
Terminal Outcomes	
<ul style="list-style-type: none"> • Perform steps to facilitate vehicle/boat and weather checks and gather pre-flight information • Employ suitable practices to conduct a parasailing flight and brief the students/clients • Perform appropriate steps for post flying activity closure • Perform assessment and mitigation of risks for parasailing using appropriate methods and techniques • Apply suitable techniques to communicate effectively with guests and colleagues • Employ suitable practices to provide customized age and gender specific customer service • Employ suitable practices to ensure workplace safety procedures and cleanliness • Employ suitable practices for effective and eco-friendly waste management and recycling 	

Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
Class 8 th		6 years	Parasailing Supervisor or Parasailing Instructor	3 years	Parasailing Supervisor or Parasailing Instructor	

Trainer Certification	
Domain Certification	Platform Certification
“Parasailing (Equipment) Driver”, “THC/Q4516, v1.0”, Minimum accepted score is 80%	“Trainer”, “MEP/Q2601, V1.0” 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 8 th		6 years	Parasailing Supervisor or Parasailing Instructor	3 years	Parasailing Supervisor or Parasailing Instructor	

Assessor Certification	
Domain Certification	Platform Certification
“Parasailing (Equipment) Driver”, “THC/Q4516, v1.0”, Minimum accepted score is 80%	“Assessor”, “MEP/Q2701, V1.0” with a 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 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

Term	Description
QP	Qualification Pack
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards
SOP	Standard Operating Procedure
VFR	Visual Flight Rules
VMC	Visual Meteorological Conditions