

Title	Standard for Public Safety Qualification: Off-Road Vehicle Operator		
Certification	IPSQA Certificate in Public Safety (Off-Road Operator)		
Standard	3009	Version	2022
Level	4	Credits	15
Postnominal	CertPubS®(ORO)	Code	ORO

Graduate Profile	Graduates of this certification are able operate a four or six wheel drive in an off-road environment, including carrying out pre-driving checks, plan and navigate a route, apply safe off-road driving practices, and recommission the vehicle for future use.
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Subject Area	Vehicles.
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Prerequisite(s)	Candidate must hold appropriate license to operate vehicle being driven.
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Special notes:

- 1 This standard must be assessed in conjunction with IPSQA Standard 3000:2022 Certificate in Public Safety.
- 2 Skill and knowledge performance must be consistent to approved industry references and meet local laws and standard operating procedures.
- 3 Vehicle being used must be in safe and serviceable condition and meet local vehicle safety requirements.
- 4 Automatic, selectable automatic, manual transmission or electric drive may be used during the assessment. The vehicle must not be operated in autonomous mode (i.e. self-drive).
- 5 The angle of banks and inclines may exceed the angle specified in the Part B Syllabus Report, subject to organisational approval and mutual consent by the assessor and candidate.
- 6 Off-Road driving condition requirements are further detailed in the Part B Syllabus Report.

Assessment Outcomes

Knowledge requirements

- K1 Demonstrate knowledge environmental driving hazards and their impact on off-road vehicle operation
Range: Range: ice, water, sand, mud, snow.
- K2 Recall safe driving practices and fatigue management for off-road vehicle operation.
- K3 Demonstrate knowledge of human factors affecting off-road driving.
- K4 Explain how safety features common to off-road vehicles work.
Range: must include, but not limited to airbags, ABS, seatbelts, stability control.
- K5 Explain vehicle dynamics in off-road driving.
Range: skid avoidance, skid management.
- K6 Explain 4WD or 6WD vehicle systems, characteristics and features.
- K7 Explain environmental care practices for off-road driving.
Range: may include, but not limited to Tread Lightly® principles.

Skill requirements

- S1 Carry out pre-start vehicle systems check.
Range: must include but not limited to: tyre pressure, engine fluid levels, vehicle recovery equipment, lights.
- S2 Carry out pre-response vehicle inventory check, load distribution and documentation.
- S3 Plan route and navigate to specified location.
Range: GPS, manual map, safe route, alternative routes.
- S4 Carry out pre-drive vehicle check on 4WD/6WD motor vehicle.
Range: must include but not limited to: engine start and shut down.
- S5 Drive a 4WD/6WD vehicle over an uneven surface in a controlled manner.
- S6 Drive a 4WD/6WD vehicle across a side slope.
- S7 Drive a 4WD/6WD vehicle safely both up and down a hill.
- S8 Perform stopping a 4WD/6WD vehicle on a steep slope and pull away again.
- S9 Perform stop, stall and reverse off a short steep slope in a 4WD/6WD vehicle.
- S10 Develop a recovery plan and vehicle recovery is carried out for a 4WD/6WD.
- S11 Perform transfer from sealed to unsealed road surfaces and stop a 4WD/6WD.
- S12 Perform refuelling vehicle for operational readiness.
- S13 Carry out post-drive vehicle checks, documentation and reporting.

Professional requirements

- P1* Verified logged 40 hours experience as driver operating 4WD/6WD off-road, including photographic or video evidence of operating in a range of different conditions.
 - P2* Reflect on logged experience and explain compliance with organisational doctrine, environmental care and insurance requirements.
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Assessment discrepancies (skills)

Minor

- O1* Late or excessive braking.
- O2* Harsh driver control inputs (brake, steering, accelerator, excessive speed).
- O3* Slow to identify hazards, poor hazard management, poor decision making.
- O4* Fails to drive with purpose (fails to make progress).
- O5* Fails to maintain predictive driving pattern to other road users.
- O6* Poor or incorrect use of equipment.
- O7* Excessive time taken in individual task.
- O8* Fails to drive defensively with other road users.
- O9* Poor technique that allows an unsafe driving condition to develop including causing the vehicle to start pushing driver around.
- O10* Inappropriate use of warning devices.
- O11* Forearms cross up (preventing rotation or turn) or poor steering technique.
- O12* Anti-Brake System activated during assessment.
- O13* Lack of confidence in task noticeable.
- O14* Steering wheel allowed to free return/self-centre
- O15* Personal protective equipment interferes with safe operation of vehicle.
- O16* Equipment not secured affects vehicle dynamics or safety.

Major

- X1 Excessive time taken to complete task.
- X2 Task not completed.
- X3 Breaches local law, regulation or another statutory directive.
- X4 Breach of organizational driving policy or procedure.
- X5 Sustained loss of traction.
- X6 Action or inaction that causes or likely to cause injury
- X7 Under or over steering.
- X8 Vehicle used against manufacturer warning notice
- X9 Candidate instructed to stop by Assessor due to medical concern.
- X10 Failing to wear safety belt (if fitted).
- X11 Collision with other objects or causes another vehicle to avoid/collide
- X12 Failing to maintain full control of vehicle
- X13 Excessive speed for environment.
- X14 Fraud, cheating or coaching.
- X15 Fails to activate warning devices.
- X16 Vehicle autonomously intervenes to uncorrected safety issue.
- X17 Breach of IPSQA Code of Conduct.

Certification period	36 months
Re-certification requirements	Re-assessment of Part B.