



## STUDENT ASSESSMENT INFORMATION

### **SRO DRV 002B DRIVE A 4WD VEHICLE IN DIFFICULT TERRAIN USING ADVANCED TECHNIQUES**

This unit deals with the advanced skills and knowledge required to use appropriate range, gear and technique to drive a four wheel drive vehicle through and over difficult terrain. Assessment will be made through observation and by answering a number of questions.

#### **Competency Unit Elements:**

SRO DRV 002B/0 Drive a four wheel drive vehicle in difficult terrain.

- a. Engage four wheel drive front hubs
- b. Survey track to identify hazards, assess risk and select a best route
- c. Select routes to minimise damage to the environment
- d. Advise passengers of any special safety precautions to be taken when traversing difficult terrain.
- e. Use appropriate range, gear, speed (momentum), driving and braking technique to negotiate a range of difficult terrain types whilst maintaining control of vehicle at all times.
- f. Demonstrate, where relevant, stall stop, forward/reverse key starts and hand brake starts
- g. Demonstrate appropriate use of handbrake
- h. Maintain appropriate hand positioning on steering wheel
- i. Check, where necessary, brakes and undercarriage after negotiating difficult terrain
- j. Perform repairs to damaged tracks, if necessary
- k. Apply risk management procedures relating to blind corners and oncoming traffic, consistently

SRO DRV 002B/02 Perform maintenance and minor repairs on four wheel drive vehicles

- a. Select/access maintenance equipment correctly, including spares and fluids, prior to departure after consideration of contextual issues
- b. Check vehicles regularly prior to and during trip, and correctly perform routine maintenance/repair tasks
- c. Make vehicle performance reports to the designated person
- d. Demonstrate safe use of a jack to support a four wheel drive vehicle on uneven ground
- e. Demonstrate tyre removal/replacement
- f. Demonstrate puncture repair (tube and tubeless)