

WTR – Pre-learn Material

1 **Machines with WHEELS:**

Wheeled excavator, grader, off road dumper truck, scraper, wheeled loader, skid steer, loader

2 a Class 1 tractor (Agricultural Motor Vehicle):

Not more than 18,000kg, at a speed NOT exceeding 40 km/hr

b Class 1 (Wheels)

Not more than 6,000 kg, at a speed exceeding 30 km/hr

c Class 2 (Wheels):

More than 18,000 kg, at a speed NOT exceeding 30 km/hr

d Class 4:

More than 18,000 kg, at a speed exceeding 30 km/hr = Class 4

3 **Machines with ROLLERS**

Triple drum static, sheepfoot, steel wheel compactor, double drum steel vibratory, pneumatic multi-tyred, self-propelled vibratory drum with pneumatic tyred driving axle.

4. **Two safety things to remember about ROLLERS:**

a they have poor traction (especially on a gradient)

b the roller must always face uphill with driving wheels to the rear

5. **Machines with TRACKS**
Crawler crane, tracked excavator, crawler loader, portable crusher, military tracked variant.
6. a **You need a permit before driving a machine with TRACKS** over a: Railway Line
- b A machine with TRACKS driven on a slope, the driving axle should be at the rear
7. **Licence to drive ROLLERS and TRACKS:**
- a Not more than 18,000kg, Class One (1)
- b More than 18,000kg, Class Two (2)
8. **W/T/R on your licence is renewed:** at the same time as your current licence
9. a **When parking a special type vehicle on a road, where should it be positioned?**
As far left as possible and facing forward
- b **When parking during the hours of darkness the driver must ensure** that the vehicle is visible by either being illuminated from:
- 1 an artificial source: or
- 2 light from both a forward facing position lamp (or dipped beam headlamp) and a rearward facing position lamp fitted on the side of the vehicle that is closest to the middle of the road.
(If 2 rearward facing lamps are fitted both must be illuminated.)
10. **Speeds and Suspension:**
- a Fitted with springs 90 km/hr
- b Not fitted with springs 45 km/hr

11. **Vehicles fitted with WHEELS, ROLLERS or TRACKS that may damage the road must not be:**

operated on the road unless either the tyre is fitted with temporary gripping devices for use in appropriate conditions or permission is first obtained from the road controlling authority.

12. **When driving on a slope:**

- a The driving axle should be at the rear
- b Attachments should be carried forward and close to the ground.

13. **Environmental safety factors:**

- a Weather conditions
- b Reduced visibility
- c Uneven or rough surface
- d Camber of the road or steepness of a slope
- e Other road users and Pedestrians

14. **Precautions:**

- a Use hazard lights and rotating lights
- b Drive at reduced speed
- c Sound the horn
- d Drive later if the road is busy
- e Use additional lights in low light conditions
- f Wear high-vis clothing

Also:

- a Use temporary signs
- b Get someone to help with traffic control
- c Use cones and barriers to help with traffic control.