

VERIFICATION OF COMPETENCY FOR A ROLLER

Examples and answers are in **red** text below. Just delete and uncheck the answer boxes before using.

Company:		Date:	
Assessor's Name:		Nominee's Name:	
Item of Plant:		Model:	

The purpose of this verification of competency is to allow the nominee to demonstrate their understanding and competence to safely operate the roller identified above.



This verification of competency consists of two parts. One theoretical assessment and one practical assessment.

Section One - Theoretical Assessment

Section one consists of a questionnaire.

The nominee needs to have knowledge and awareness of the correct operation and a common information associated with the safe operation of the roller. To successfully complete the theoretical assessment, the nominee will require a 100% pass mark. After the 100% mark has been achieved, the nominee can then move on to section two, the practical assessment.



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The nominee needs to be able to demonstrate competence with the operation of the roller.

The assessor must be satisfied that the nominee can safely operate the roller in a range of tasks that require good control.

Section One - Theoretical Assessment

Section one consists of 20 questions.

A score mark of 100% is required to successfully complete the theoretical assessment.

Answer the questions carefully and with your own words. Check your rights.

To receive a pass mark, you must score 100% on the assessment.

Question 1

What pre-operational checks should be conducted on the roller before the engine is started?

- Check the operational checks with someone else.
- Hydraulic fluid, fuel, engine oil, tracks, all wheels, tyre, lights, warning devices.
- If the roller you are about to go to work, try to go.
- Check everything as you operate the roller.

Question 2

How would you know when the roller you are operating should be serviced?

- The oil level needs to be checked in colour.
- The engine oil gets white in colour.
- Check the hour meter and the service schedule of the roller.

I would check with office administration.

Question 3.

When operators fail to properly maintain their roller what may be the result?

It is 100% up to the owner to maintain the roller .

If the oil and water is maintained that is enough to ensure safe operation.

Excessive wear and damage will occur to the roller .

It's up to the mechanic.

Question 4.

Why shouldn't the hydraulic charge tank be filled before the roller work?



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Question 5.

What are three defects to look for when inspecting the hydraulic system?

Hydraulic leaks, cracks in the hoses and hydraulic pump control system.

Water leaks, buildup of pressure and leaks in the hoses.

Loose or worn down gears and timing belts.

Excessive temperature, high fuel consumption and slow down movement.

Question 6.

Why should the stop lever be avoided when it possible?

Higher rollers to roll over or slip. It's preferable to operate up and down a slope.

Working on the end slope negatively affects fuel flow.

Because it requires a pushback.

Working on the slope increases engine wear.

Question 7.

Generally, what effect would a rough or dirty surface have on the operating speed of the roller?

No change.

It would increase RPM.

It would reduce the operating speed.

It would require lower operating speed.

Question 8.

What is the danger of rolling over the edge of an embankment?

High compression.

<input checked="" type="checkbox"/>	A rollover.
<input type="checkbox"/>	Low compaction.
<input type="checkbox"/>	No additional risk would be present.

Question 9.

What should you do in the event of an incident while operating the roller ?

<input type="checkbox"/>	Report it in your logbook.
<input checked="" type="checkbox"/>	Immediately report it to your supervisor or the person in control of the worksite.
<input type="checkbox"/>	Tell your work mates and listen to what they have to say.
<input type="checkbox"/>	If there is no damage, the work



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Question 10

What is the preferred mode of travel diagonally across or directly up and down a steep surface?

Example answer: Drive to up and down a steep surface.

Question 11

Name at least five general hazards that must be managed on a work site before operating the roller?

Example answer: Power to all personnel.

Types of terrain and soil conditions.

Steps to drive and do drive.

Obstacles, structures, vehicles, personnel.

Question 12

Which safety gear should be attached to travel down a steep sloping surface?

Example answer: Safety harness, safety line, safety hook.

Question 13

What safety or warning devices would you consider for roller operation?

Example answer: Traffic warning lights, flashing warning signs.

Question 14

What safety device should be available on a roller to prevent the operator from being disengaged?

Example answer: Interlock.

Question 15

If there is a likelihood of a roller overturning, what must be fitted to the roller?

Example answer – Roll over protection (ROPs).

Question 17.

If cracks appear on the surface after rolling with a vibrating roller, what action could you take to remove the cracks?

Example answer – Apply water and flat roll the surface.

Question 18.

When using a vibrating roller what action should you take for the first run along a kerb with uncompacted material?



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Question	Answer	Mark	Correct	Wrong
1. The number knows and understands all the relevant controls and safe working practices	Q	Q	Q	Q
2. The number can conduct a thorough inspection check on the roller	Q	Q	Q	Q
3. The number understands what the boom, rollers, rollers and track are used for	Q	Q	Q	Q
4. The number can competently load and unload the roller from a temporary vehicle or bank	Q	Q	Q	Q
5. The number knows the importance of safe work method statements and safe work procedures	Q	Q	Q	Q
6. The number is aware that to complete any relevant work they must access work permits	Q	Q	Q	Q
7. The number has knowledge of traffic control and how to set up safe work areas when working on the road	Q	Q	Q	Q
8. The number is able to operate the roller in a smooth continuous working order and has a good understanding of roller components	Q	Q	Q	Q
9. The number knows all hydraulically operated attachments of equipment and applies the working order book and controls the work	Q	Q	Q	Q
10. The number is aware how to secure the roller in a safe position at the end of the working shift	Q	Q	Q	Q

Assessor's Observations

I from believe the nominee named above **HAS DEMONSTRATED** their competency in the safe operation of the roller .

Signed



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Operator's Declaration and Signature

I, employed by confirm that I have read and understood the operator's manual and have received adequate training and instruction to undertake the assigned task safely and competently.

I agree to abide by the requirements of the operator's manual and the work conditions change or conditions change as identified. I will discuss these changes with a supervisor or management.

Signed

Assessor's Signature

Signature

Date