

Loader/Securer
STGO

A50
Technical Test – Theory

Roles and responsibilities	1. What is the definition of, or how can a hazard be described?
	A
	2. What is the purpose of a risk assessment?
	A
	3. List SIX typical subject areas that should be covered in a site induction.
	A
	4. What THREE main duties of the Health and Safety at Work Act must employees follow?
	A
	5. What does the Health and Safety at Work Act require employers to do with regards specifically to vehicles and equipment?
	A
	6. a) What is the purpose of a Method Statement and b) what is required of the driver?
	A
	7. Name FOUR different types or levels of sanctions that can be applied to transport drivers who do not comply with, or follow legislation and regulations.
	A
	8. Transport drivers are generally regarded as 'safety-critical' workers. What does this mean?
	A

continued...

Roles and responsibilities continued	9. Name THREE ways in which transport drivers can minimise their impact upon the environment whilst using the vehicle.
	A
	10. In what situation does a hard hat need to be worn when driving a transporter?
	A
	11. The transport driver has to drive a new type of plant that they are unfamiliar with. What do Regulations (i.e. PUWER 98) and other guidance require the transport driver to have?
	A
	12. What are the possible outcomes if being prosecuted for not complying with legislation and regulations?
	A
	13. Give TWO examples of where The Work at Height Regulations may apply to transporters.
	A
Preparing for work	14. How can a qualification or card benefit a transport driver?
	A
	15. Name THREE ways that a transport driver can contribute in ensuring repeat business with the client or main contractor.
	A
	16. Where should the vehicle's manual be kept and why?
A	
Preparing for work	17. What is a possible consequence of using a tyre with a deep cut in the sidewall?
	A
	18. If the transport driver has to top-up the engine oil, state TWO precautions to ensure cleanliness of the system.
A	

continued...

For questions 19 and 20 the Operator’s Manual for one of the items of plant being used for the test MUST be available for reference by the candidate	
Preparing for work continued	19. Using the machine’s Operator’s Manual, state the procedure for preparing and loading the machine onto a transporter.
	A
	20. Using the machine’s Operator’s Manual, state how the machine must be secured for transport.
	A
	21. If checking the oil level using a dipstick, why must gloves be worn?
	A
	22. What is the difference between a low loader and a semi-trailer?
	A
	23. Name ONE example of ‘road friendly’ suspension.
	A
24. On start up, the air pressure on the vehicle is low. What actions must the transport driver carry out before work and during work?	
A	
25. During work, the engine starts to overheat. Explain the danger if someone tries to remove the radiator or expansion tank cap.	
A	
Travelling and manoeuvring	26. Before setting off to retrieve a machine from site, in terms of arrival, what THREE things should be checked before leaving?
	A
	27. What problems and hazards can soft ground cause to a loaded transporter?
	A
28. a) What is the minimum distance allowed near open trenches when travelling with a transporter and b) explain why.	
A	

continued...

Travelling and manoeuvring continued	29. When are the most likely times that loads may move during transit in the transporter?
	A
	30. Give THREE possible reasons why transporters should not stray off the designated travel routes.
	A
Setting up for work	31. If setting up to work in a pedestrianised area, state THREE factors that need to be taken into account.
	A
	32. Name SIX safety considerations when selecting a site for loading or unloading plant.
	A
	33. Once the transporter is positioned, state SIX actions to be considered before loading commences.
	A
	34. Where and why would packing be used?
	A
	35. When is loading and unloading allowed on verges or footpaths?
	A
Working tasks	36. Whenever possible, who should decide the positioning of the transporter for loading?
	A
	37. When working in a confined area or space, name THREE hazards that can occur.
	A

continued...

Working tasks continued	38. a) What is the recommended minimum distance to be kept away from overhead power lines mounted on wooden poles when loading and b) explain why a distance should be kept.
	A
	39. What is the maximum distance that the end marker board must be from the edge of a projection?
	A
	40. What checks should be made to flat webbing slings before use?
	A
	41. Under what conditions can lashing chains be used for lifting operations?
	A
	42. a) What type of lashing should be used when securing a 360 excavator fitted with rubber tracks and b) explain why.
	A
	43. Why should the centre of gravity of a load be in front of the rear axle of an articulated semi trailer?
	A
	44. What effect does chocking timber (dunnage) have on carrying capacity?
	A
	45. If loading a smooth drum ride-on roller, how can friction between the drums and the transporter ramps/bed be increased?
	A
46. When a long load on a short rigid vehicle results in excessive overhang over the rear of the vehicle, what are TWO possible dangers?	
A	
47. What is the definition of a 'long load'?	
A	
48. What is the maximum width of a load before it becomes classed as a 'wide load'?	
A	

continued...

Working tasks continued	49. State three instances when marker boards must be fitted.
	A
	50. Give FIVE instances where lights should be fitted to an overhanging load both widthways and lengthways.
	A
	51. What THREE pieces of information are needed to calculate axle loadings?
	A
	52. How is the kerbside weight of a vehicle determined?
	A
	53. Before loading or unloading on the public highway, what specific measures must be considered?
	A
	54. During the loading process, in terms of the load, what is the transporter driver responsible for?
	A
	55. When loading, where is the optimum, or best position to place an item of plant?
	A
	56. What is the recommended maximum pull on a restraining or lashing chain?
	A
57. In general: a) what is the maximum angle that lashings should be restricted to and b) why?	
A	
58. When securing machines having hydraulically operated booms (e.g. 360 excavators etc), what should be ensured when restraining?	
A	

continued...

Working tasks continued	59. On articulated-steered plant, what should be engaged after loading?
	A
	60. If an item of plant is being loaded where it is known that the parking brake is not fully effective, what action must be taken?
	A
	61. State: a) at what distance a rear overhang should be identified and b) how.
	A
	62. What checks should be made to cabbed machines after loading?
	A
	63. Under Special Types General Order, give TWO instances when an attendant is required.
	A
	64. What is the minimum height of an amber flashing beacon?
	A
	65. When would outriggers on the trailer normally be used?
	A
66. What is the meaning of this symbol (being demonstrated by the Tester)?	
A	
67. A 70 tonne tracked excavator is being transported. A spare bucket is part of the load. a) Is this allowed and b) give a reason for your answer.	
A	
Completing work	68. After loading and securing plant for transit: a) when should the lashings or securing equipment be re-checked and b) why?
	A
	69. Before leaving the cab for a rest break, after parking and switching off the vehicle, what final action must be carried out?
A	

Shutdown	70. When parking the vehicle at the end of the shift, name THREE places where the transporter should NOT be parked.
	A
	71. Many transporters have a turbo-charged engine. a) What is the normal procedure before switching off the engine after working and b) what happens if the procedure is not followed?
	A
	72. What is meant by Maximum Authorised Mass?
	A
	73. What is the maximum gross train weight of vehicle movement allowed under the current Construction and Use Regulations on: a) Road Friendly Suspension and b) non Road Friendly Suspension?
	A
	74. a) How many mirrors are required on a rigid LGV transporter over 7.5 tonnes and b) where should they be positioned?
	A
	75. State the maximum allowed speeds of a fully loaded category 3 transporter which is travelling on: a) Motorway, b) Dual Carriageway (unrestricted) and c) Single carriageway (unrestricted).
	A
	76. In terms of gross vehicle weights, at which weight do the Police require written notification of the movement?
	A
	77. Where should the vehicle plating certificate be positioned on the vehicle?
	A
78. If a vehicle is carrying an item of plant that gives a total height of over three metres, what must be available to the driver en route?	
A	
79. Name FOUR items that must be displayed on a DoT approved plating certificate.	
A	

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Shutdown continued	80. What does the (new) driver Certificate of Professional Competence (CPC) require a driver to undertake every five years?
	A
	81. a) What type of licence and which class should STGO transport drivers hold and b) what is the minimum age allowed?
	A
	82. What is the maximum allowable total laden weight of a category 2 vehicle or combination?
	A
	83. Under the Road Traffic Act 1998, state ONE instance when an overloaded vehicle may travel on the public highway
	A
	84. State the minimum time period when notification has to be given to the Highways and Bridges Authorities if the total weight exceeds 80,000 kg.
	A
85. What is the maximum permitted axle weight on a Low Loader?	
A	
86. How many days clear notice is required, if the width of the load to be moved exceeds 5 metres and is up to 6.1 metres wide?	
A	