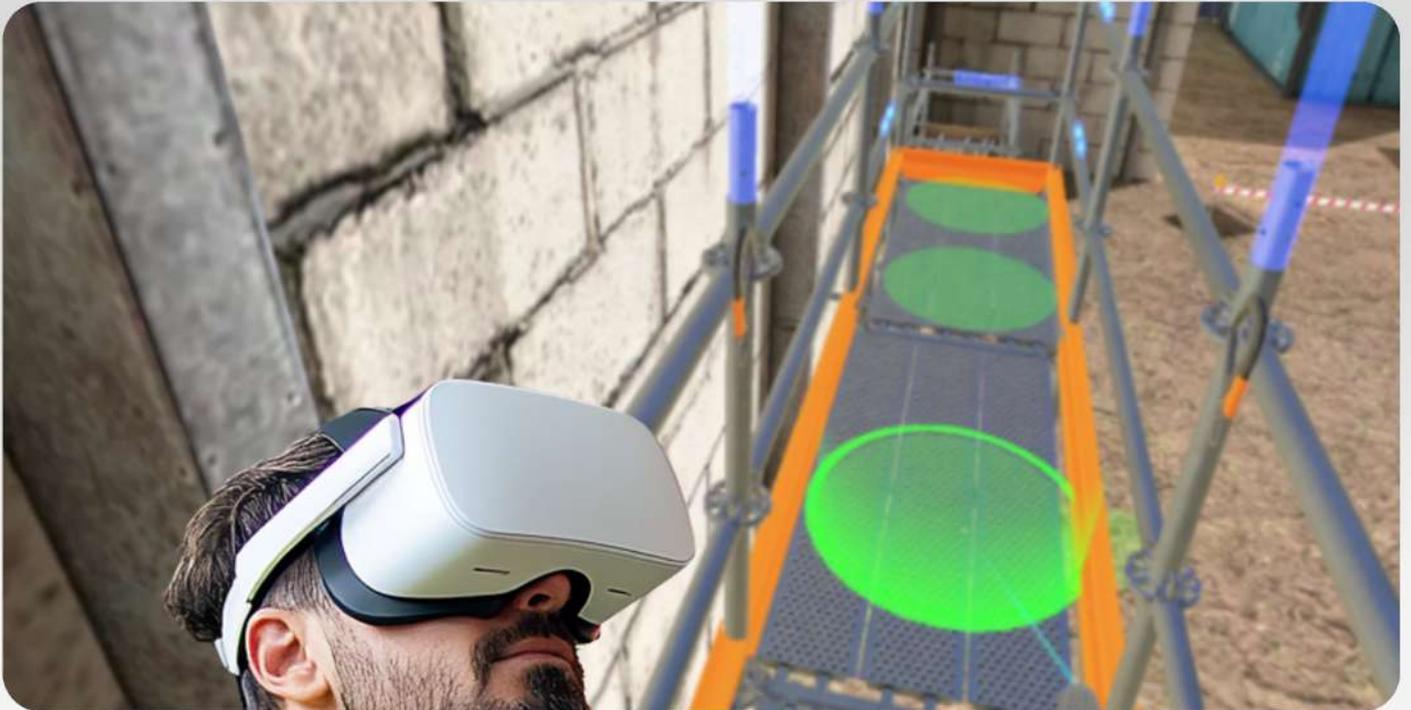




NEXT WORLD

Scaffolding

VR Module Overview



VR module created by 



Learning



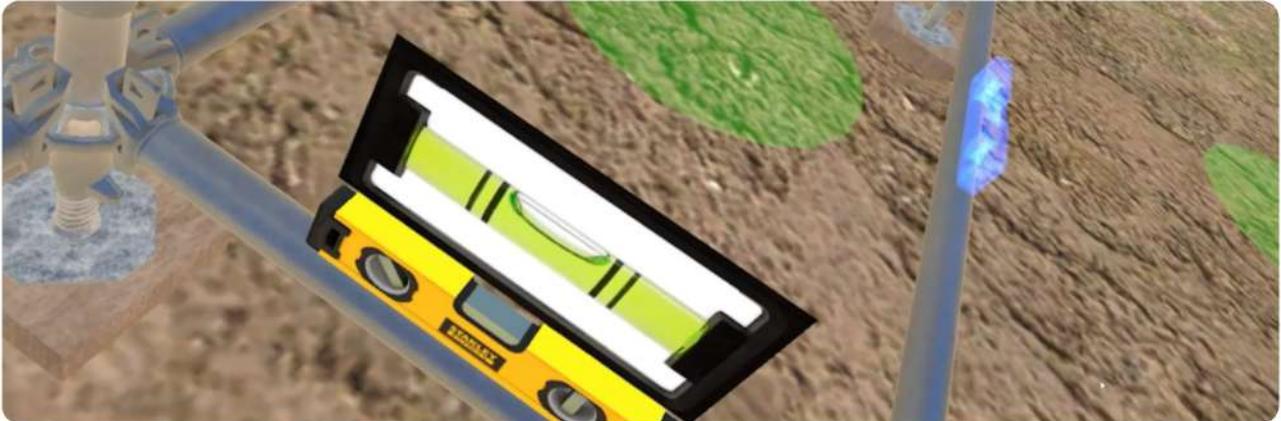
Training



Certificate

Experience Overview

What's included in VR Scaffolding



In the VR simulator, the user will prepare the site, tools, construct three levels of the wedge scaffolding, control the horizontal level of the scaffolding parts, and mark the scaffolding as ready for use. The second member of the team will help with the task.

The simulator begins with the work permit and the task, collecting and placing the necessary tools on the belt and taping the perimeter. Then the user learns to build scaffolding levels and verticals step by step, controlling the correctness of the construction. We will use the safety harness for working at height, a hammer drill to create anchor points, and ladders for easy movement.

Scaffolding will be erected and inspected according to the standards and tagged as ready for use.



Available in 10 Languages

- Arabic
- Chinese
- English
- French
- German
- Hindi
- Polish
- Portuguese
- Italian
- Spanish

User Control

Empowering users with hands-on precision in every simulation.



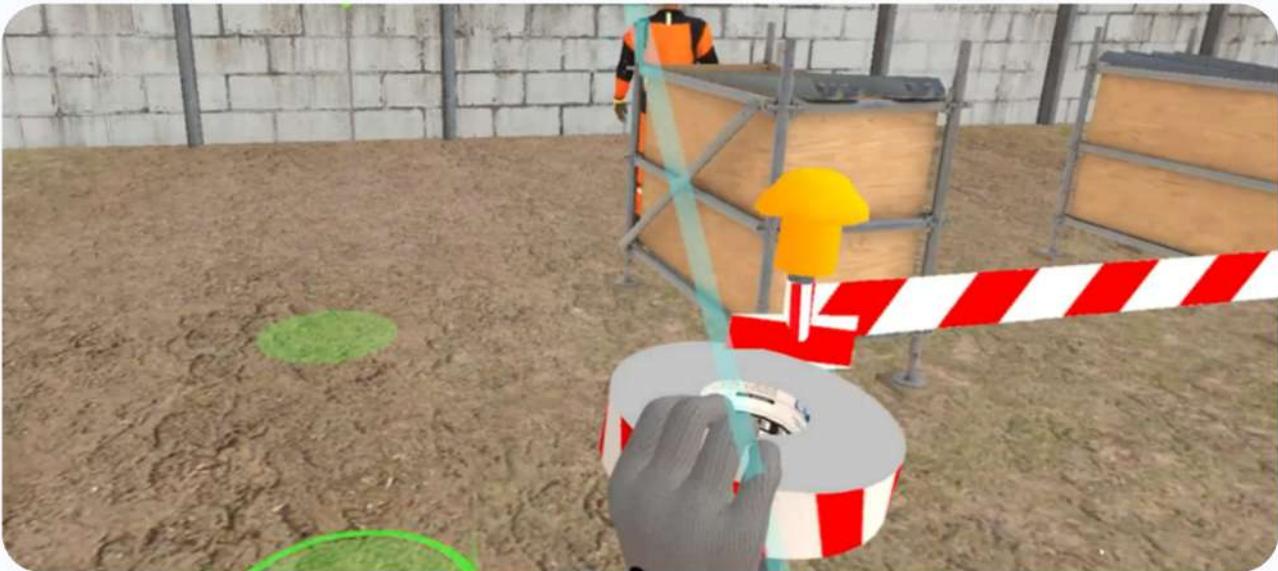
Module Walkthrough

In the Learning Mode you'll be guided through the following steps. In the Training and Exam modes you'll be on your own completing the task. To exit the task press the Menu button.



1. Welcome to the Scaffolding VR training. Select the mode. To do this, point the controller at the mode and pull the trigger.





2. Come to the job supervisor. To move, point the controller at the green circle and pull the trigger.

3. Take out your certificate from the pocket on the chest. To pick up an item, move your hand to it and pull the controller trigger.

4. Show your certificate. To do this, bring and hold the certificate in the highlighted area in front of the supervisor until the end of the check.

5. Put your certificate back. To do this, hold your certificate in the highlighted area of your pocket. Then pull the trigger on the controller.

6. Come to the table. To move, point the controller at the green circle and pull the trigger.

7. Take the scheme in your hand. To pick up an item, move your hand to it and pull the controller trigger.

8. Read both sides of the scheme. To do this, inspect them until the check mark appears.

9. Put the scheme back on the table. To do this, put the scheme in the highlighted area. Then pull the trigger on the controller.

10. Sign the work permit. To do this, move your hand to the highlighted area of the object. Then pull the trigger on the controller.

11. Take the signal tape. To pick up an item, move your hand to it and pull the controller trigger.



20. Install 8 mudsills. To do this point the controller pointer at the highlighted tool in the menu with scaffolding parts and pull the trigger. To install the item, move it towards the installation area and pull the trigger again.

21. Install 8 leveling jacks. To do this point the controller pointer at the highlighted tool in the menu with scaffolding parts and pull the trigger. To install the item, move it towards the installation area and pull the trigger again.

22. Install 8 base plates. To do this point the controller pointer at the highlighted tool in the menu with scaffolding parts and pull the trigger. To install the item, move it towards the installation area and pull the trigger again.

23. Install 4 horizontal transoms 75 centimeters in length. To do this choose the highlighted tool in the menu, and install the item.

24. Install 2 horizontal transoms 2 meters length. To do this choose the highlighted tool in the menu, and install the item.

25. Install 4 horizontal transoms 1.5 meters length. To do this choose the highlighted tool in the menu, and install the item.

26. Hammer the transoms. To do this take the hammer from the harness, move it to the highlighted area and pull the trigger.

27. Check the level of all transoms. To do this point the controller pointer at the highlighted tool in the menu and pull the trigger. To check the transom, move the level towards the highlighted area and pull the trigger again.

28. Adjust the leveling jack and then check the level of the adjacent transoms. To do this, move your hand to the highlighted area and pull the trigger on the controller. Then choose the highlighted tool in the menu, and install the item.



29. Install 8 standards. To do this choose the highlighted tool in the menu, and install the item.

30. Check the level of all standards. To do this point the controller pointer at the highlighted tool in the menu and pull the trigger. To check the transom, move the level towards the highlighted area and pull the trigger again.

31. Install the working platform of the first level. To do this choose the highlighted tool in the menu, and install the item.

32. Install and check the level of transoms of the second level. To do this choose the highlighted tool in the menu, and install the item.

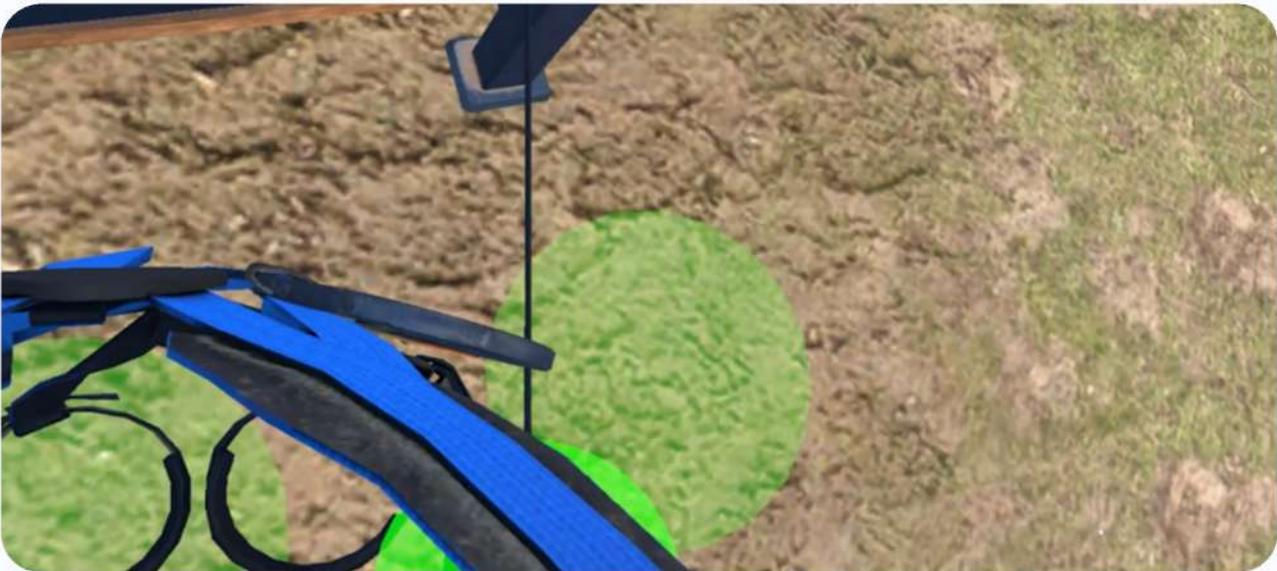
33. Install the longitudinal bracing of the second level. To do this choose the highlighted tool in the menu, and install the item.

34. Make a hole on the left with the tool. To do this choose the highlighted tool in the menu. To make a hole, move it towards the installation area and pull the trigger again.

35. Install the anchor in place. To do this choose the highlighted tool in the menu, and install the item.

36. Tie the nut on the anchor with the wrench. To do this take the wrench from the harness, move it to the highlighted area and pull the trigger.

37. Install the bracket. To do this choose the highlighted tool in the menu, and install the item.



38. Tie the second nut. To do this take the wrench from the harness, move it to the highlighted area and pull the trigger.

39. Make a hole on the right with the tool. To do this point the controller pointer at the highlighted tool in the menu and pull the trigger. To make a hole, move it towards the installation area and pull the trigger again.

40. Install the anchor in place. To do this choose the highlighted tool in the menu, and install the item.

41. Tie the nut on the anchor with the wrench. To do this take the wrench from the harness, move it to the highlighted area and pull the trigger.

42. Install the bracket. To do this choose the highlighted tool in the menu, and install the item.

43. Tie the second nut. To do this take the wrench from the harness, move it to the highlighted area and pull the trigger.

44. Install the working platform of the second floor. To do this choose the highlighted tool in the menu, and install the item.

45. Install the ladder. To do this choose the highlighted tool in the menu, and install the item.

46. Go up to the last step of the ladder. To move, point the controller at the green area and pull the trigger.

47. Connect the carabiners to the rung. To do this, move the carabiners from the harness to the highlighted areas on the rung then pull the trigger.



48. Go up to the second level. To move, point the controller at the green area and pull the trigger.

49. Install the working platform of the second level. To do this choose the highlighted tool in the menu, and install the item.

50. Install and check the level of the guardrails. To do this choose the highlighted tool in the menu, and install the item.

51. Install and check the level of the midrails. To do this choose the highlighted tool in the menu, and install the item.

52. Install the kick board. To do this choose the highlighted tool in the menu, and install the item.

53. Install and check the level of the standard of the second level. To do this choose the highlighted tool in the menu, and install the item.

54. Lock the standards of the first and the second levels. To do this choose the highlighted tool in the menu, and install the item.

55. Install and check the level of the other standards. To do this choose the highlighted tool in the menu, and install the item.

56. Install and check the level of the transoms of the third level. To do this choose the highlighted tool in the menu, and install the item.

57. Install the longitudinal bracing. To do this choose the highlighted tool in the menu, and install the item.



58. Install and check the level of the longitudinal bracing near the ladder on the second level. To do this choose the highlighted tool in the menu, and install the item.

59. Install the working platform above the ladder. To do this choose the highlighted tool in the menu, and install the item.

60. Install the ladder on the third level. To do this choose the highlighted tool in the menu, and install the item.

61. Go up to the last step of the ladder. To move, point the controller at the green area and pull the trigger.

62. Connect the carabiners. To do this, move harness carabiners to the highlighted areas on the rung then pull the trigger.

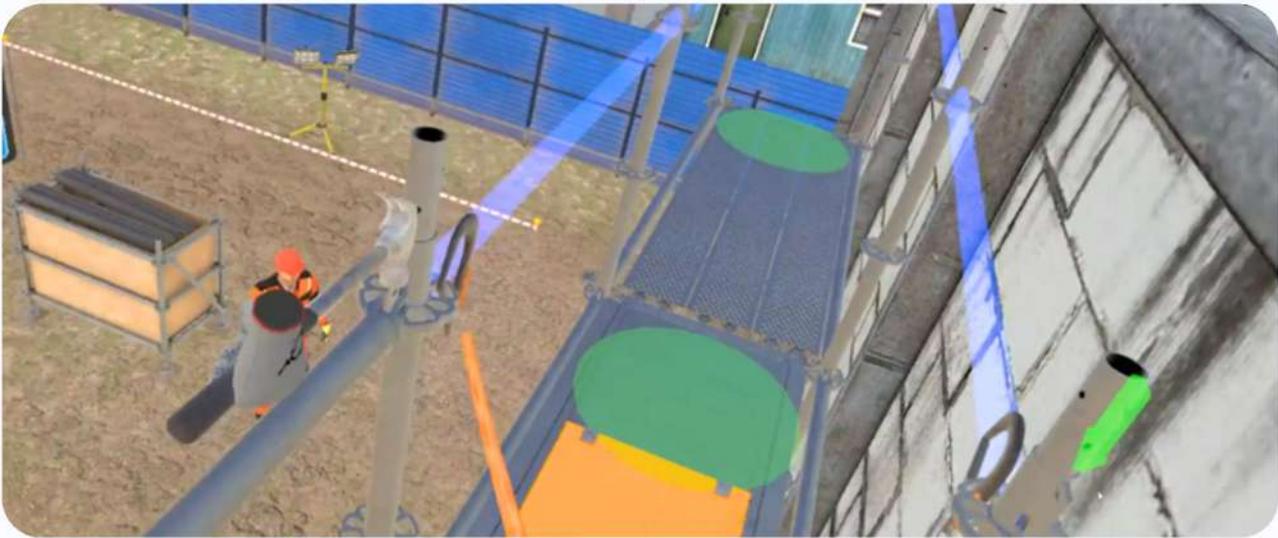
63. Go up to the third level. To move, point the controller at the green area and pull the trigger.

64. Install the working platform on the third floor. To do this choose the highlighted tool in the menu, and install the item.

65. Install and check the level of the guardrails. To do this choose the highlighted tool in the menu, and install the item.

66. Install and check the level of the midrails. To do this choose the highlighted tool in the menu, and install the item.

67. Install the kick board. To do this choose the highlighted tool in the menu, and install the item.



68. Open the trap door of the third level. To do this point the controller pointer over the trap door. Then pull the trigger on the controller.

69. Go up the ladder to the third level. To move, point the controller at the green area and pull the trigger.

70. Connect the carabiners. To do this, move harness carabiners to the highlighted areas on the rung then pull the trigger.

71. Open the trap door of the second level. To do this point the controller pointer over the trap door. Then pull the trigger on the controller.

72. Step in the middle of the ladder to the second level. To move, point the controller at the green area and pull the trigger.

73. Disconnect the carabiners from the second level. To do this, move the carabiners from the rung to the highlighted areas on the harness then pull the trigger.

74. Install the grounding. To do this choose the highlighted tool in the menu, and install the item.

75. Click on the button Scaffolding is completed. To do this point the controller pointer over the Scaffolding is completed. Then pull the trigger on the controller.

76. Hang the green tag from the supervisor on the ladder. To pick up an item, move your hand to it and pull the controller trigger. To release, or to install the item, move it towards the installation area and pull the trigger again.

77. The task is completed.

78. To exit the task press the Menu button.

VR Trainee Certificate

Employees will receive a VR Trainee Certificate upon successfully completing a training module.



Certificate of Completion:
Finished the module, underperformed the pass threshold



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