NEXT WORLD

Arc Flashover

VR Module Overview

VR module created by GWPRO.IO

Learning

Training

Certificate

Experience Overview

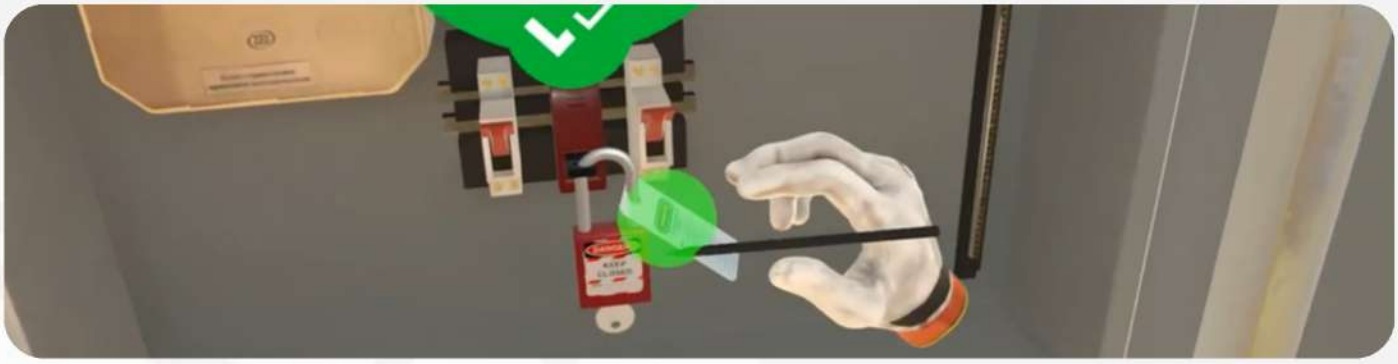
What's included in VR Arc Flashover

In the VR simulator, you will experience a situation where you need to stay safe from arc flash while doing your job.

You will work as an electrician in a classroom. You will need to understand the task, working conditions, and circuit diagram, select appropriate personal protective equipment, check voltage, work with different meter modes, lockout/tagout electrical equipment, and more.

The VR simulator includes **learning, training** and **exam modes.**

Analytics not available for this VR module.



Available in 10 Languages

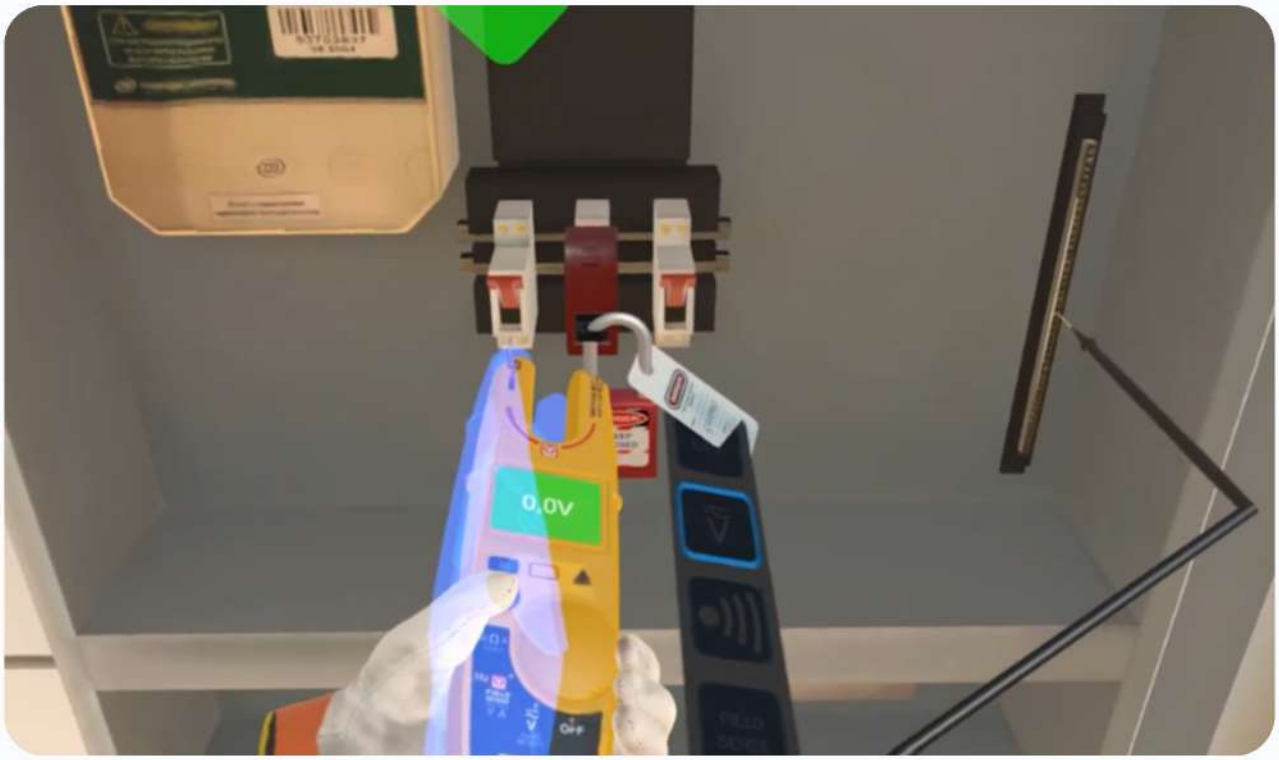
- Arabic
- Chinese
- English
- French
- German
- Hindi
- Polish
- Portuguese
- Italian
- Spanish

User Control

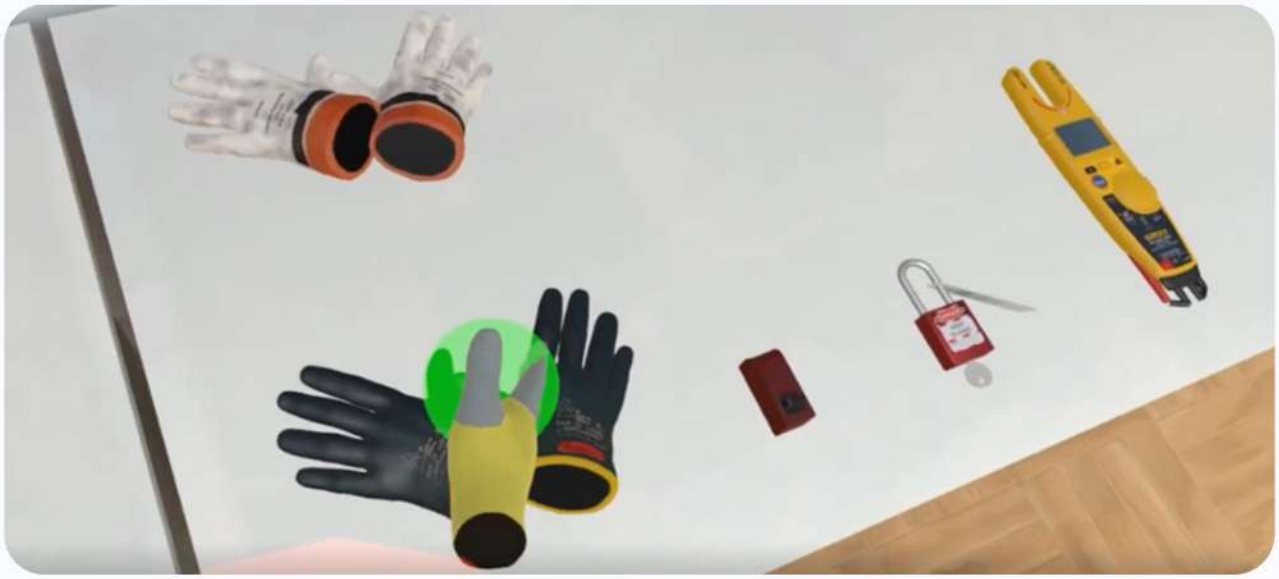
Empowering users with hands-on precision in every simulation.

Office Environment

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 Arc Flash 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. Read the document. To do this, inspect it until the green check mark appears.

4. Read the scheme on the table. To do this, inspect it until the green check mark appears.

5. Come to the power outlet on the wall. To move, point the controller at the green circle and pull the trigger.

6. Inspect the power outlet on the wall. To do this, point the controller at the highlighted area and pull the trigger.

7. Come to the switch box. To move, point the controller at the green circle and pull the trigger.

8. Read the Arc Flash label. To read, click on the highlighted area and pull the trigger.

9. Come to the table with personal protective equipment bags.

10. Put the glasses on. To pick up an item, move your hand to it and pull the controller trigger.

11. Put the earplugs in your ears. To pick up an item, move your hand to it and pull the controller trigger.

12. Open the black personal protective equipment bag. To do this, move your hand to it and pull the controller trigger.

13. Put the hard hat with the face shield on. To pick up an item, move your hand to it and pull the controller trigger.

14. Put the protective sleeves on. To pick up an item, move your hand to it and pull the controller trigger.

15. Put the insulating gloves on. To pick up an item, move your hand to it and pull the controller trigger.

16. Take the circuit breaker lockout device from the table. To pick up an item, move your hand to it and pull the controller trigger.

17. Put the circuit breaker lockout device on your belt. To do this, put the item in the highlighted area on your belt and pull the trigger.

18. Take the lock with the tag from the table. To pick up an item, move your hand to it and pull the controller trigger.

19. Put the lock with the tag on your belt. To do this, put the item in the highlighted area on your belt and pull the trigger.

20. Open the switchbox. To do this, bring your hand to the door handle and pull the trigger.

21. Turn off the power. To do this, bring your hand to the switch and pull the trigger.

22. Take the circuit breaker lockout device from the belt. To pick up an item, move your hand to it and pull the controller trigger.

23. Place circuit breaker lockout device on the switch. To do this, move your hand to it and pull the controller trigger.

24. Take the lock from the belt. To pick up an item, move your hand to it and pull the controller trigger.

25. Install the lock on the circuit breaker lockout device.

26. Sign the lockout tag. To do this, move your hand to it and pull the controller trigger.

27. Lock the lock and take the key out.

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

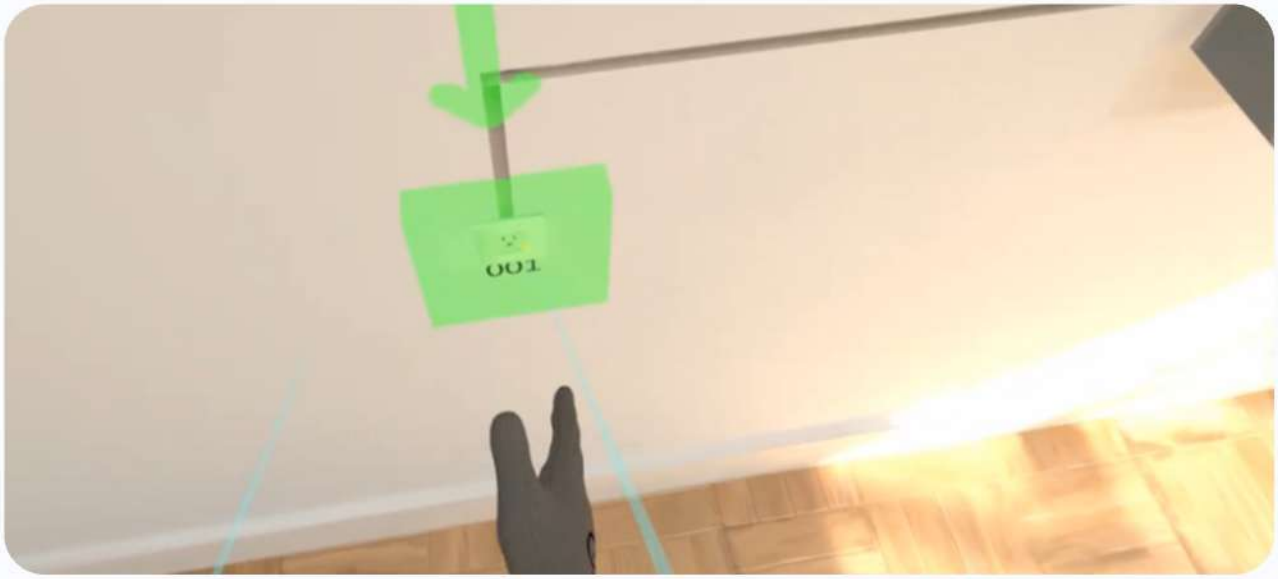
29. Inspect the meter. To do this, inspect the meter from all sides.

30. Switch the meter to the continuity mode. To do this click on the icons on the side of the meter with the raycast.

31. Take out the black probe. To do this click on the icons on the side of the meter with the raycast.

32. Test the continuity mode and receive the beep sound. To do this touch one probe with another.

33. Put the probe back in the meter. To do this click on the icons on the side of the meter with the raycast.



34. Come to the switch box. To move, point the controller at the green circle and pull the trigger.

35. Switch the meter to the voltage mode. To do this click on the icons on the side of the meter with the raycast.

36. Take the black probe in your hand. To do this click on the icons on the side of the meter with the raycast.

37. Insert the probe in the neutral connector. To do this put the probe in the highlighted area in the switchbox.

38. Insert the probe in the first terminal. To do this put the probe in the highlighted area in the switchbox.

39. Insert the probe in the second terminal. To do this put the probe in the highlighted area in the switchbox.

40. Insert the probe in the third terminal. To do this put the probe in the highlighted area in the switchbox.

41. Check the outlet. To do this put both probes in the highlighted area in the outlet.

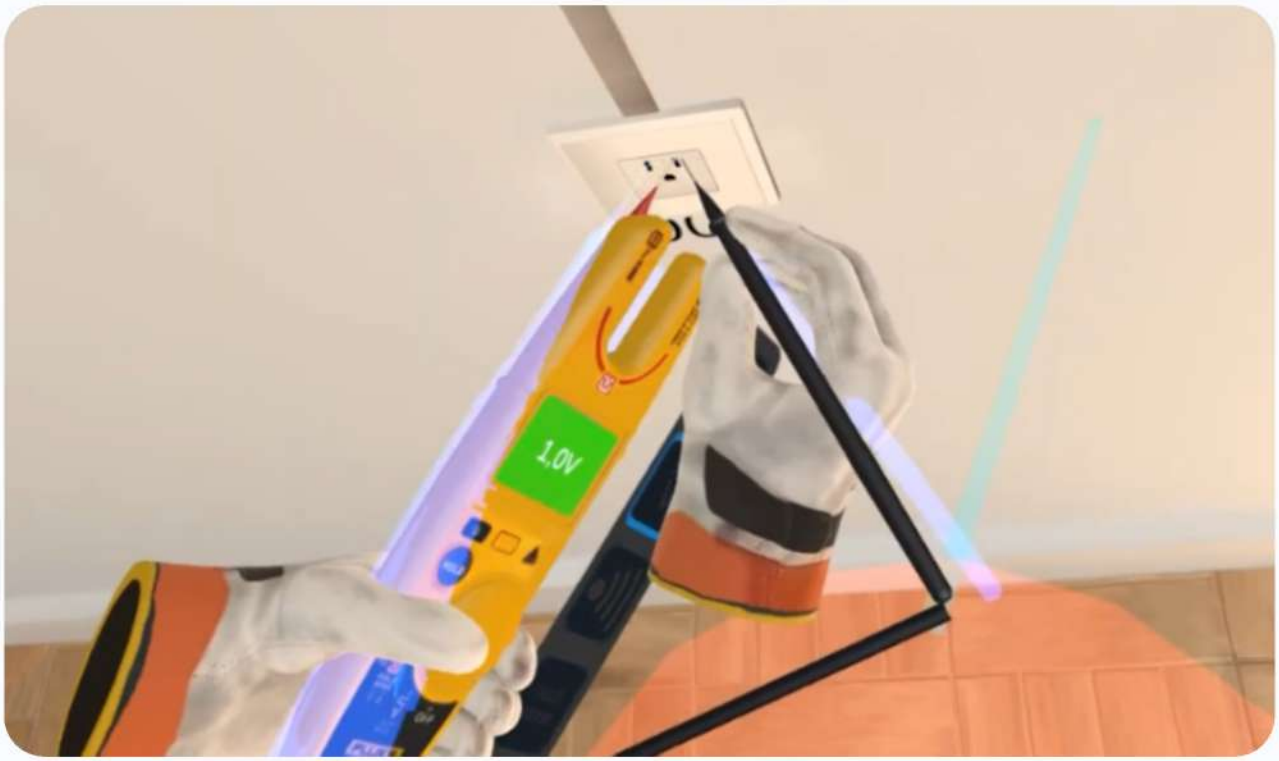
42. Repair the power outlet and complete the training. To do this press the highlighted button.

43. The task is completed.

44. To exit the task press the Menu button.

Industrial Environment

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 Arc Flash VR training. Select the mode. To do this, point the controller at the mode and pull the trigger.

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

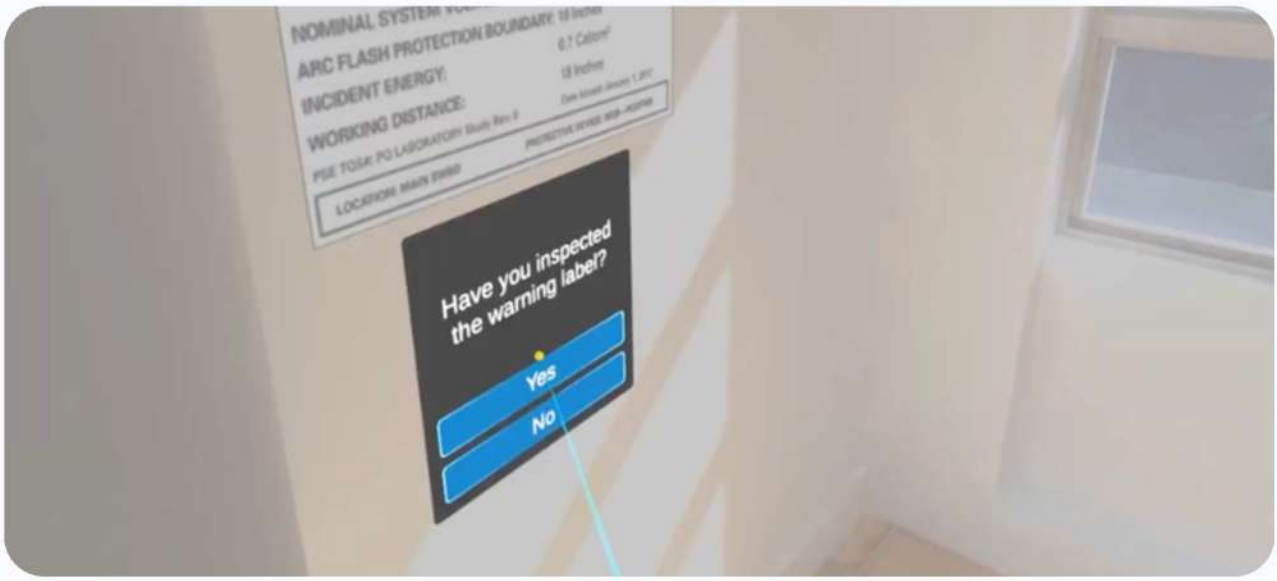
3. Read the document. To do this, inspect it until the green check mark appears.

4. Come to the switch box. To move, point the controller at the green circle and pull the trigger.

5. Read the Arc Flash label. To read, click on the highlighted area and pull the trigger.

6. Take the warning tape.To take an item move your hand to it and pull the trigger.

7. Tape the work area with warning tape. To do this, take the column with the warning tape. Place it in the highlighted area.



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

9. Put the glasses on. To pick up an item, move your hand to it and pull the controller trigger.

10. Put the earplugs in your ears. To pick up an item, move your hand to it and pull the controller trigger.

11. Open the yellow personal protective equipment bag. To do this, move your hand to it and pull the controller trigger.

12. Put the hard hat with the face shield on. To pick up an item, move your hand to it and pull the controller trigger.

13. Put the protective clothing on. To pick up an item, move your hand to it and pull the controller trigger.

14. Put the insulating gloves on. To pick up an item, move your hand to it and pull the controller trigger.

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

16. Inspect the meter. To do this, inspect the meter from all sides.

17. Switch the meter to the continuity mode. To do this click on the icons on the side of the meter with the raycast.

18. Take out the black probe. To do this click on the icons on the side of the meter with the raycast.

19. Test the continuity mode and receive the beep sound. To do this touch one probe with another.

20. Put the probe back in the meter. To do this click on the icons on the side of the meter with the raycast.

21. Come to the pump. To move, point the controller at the green circle and pull the trigger.

22. Switch off the pump. To do this press the highlighted button with the controller trigger.

23. Come to the main switch box. To move, point the controller at the green circle and pull the trigger.

24. Open the switchbox. To do this, bring your hand to the door handle and pull the trigger.

25. Switch the meter to the field sense mode. To do this click on the icons on the side of the meter with the raycast.

26. Take the black probe in your hand. To do this click on the icons on the side of the meter with the raycast.

27. Insert the probe in the neutral connector. To do this put the probe in the highlighted area in the switchbox and hold the trigger.

28. Check the electrical field in the cables. To do this move the fork of the meter along the cable until the green mark appears. Keep the cable between the fork opening of the meter. Watch the voltage on the meter.

29. Take the black probe back in the meter. To do this click on the icons on the side of the meter with the raycast.

30. Turn off the power. To do this, bring your hand to the switch and pull the trigger.

31. Come to the switch box. To move, point the controller at the green circle and pull the trigger.

32. Open the switchbox. To do this, bring your hand to the door handle and pull the trigger.

33. Switch the meter to voltage with autoselect measurement mode. To do this click on the icons on the side of the meter with the raycast.

34. Take the black probe in your hand. To do this click on the icons on the side of the meter with the raycast.

35. Insert the probe in the neutral connector. To do this put the probe in the highlighted area in the switchbox.

36. Insert the other probe in the first terminal. To do this put the probe in the highlighted area in the switchbox.

37. Insert the probe in the second terminal. To do this put the probe in the highlighted area in the switchbox.

38. Insert the probe in the third terminal. To do this put the probe in the highlighted area in the switchbox.

39. Put the probe back in the meter. To do this click on the icons on the side of the meter with the raycast.

40. Come to the lockout tagout box. To move, point the controller at the green circle and pull the trigger.

41. Open the locking station door. To do this, bring your hand to the door handle and pull the trigger.

42. Take the circuit breaker lockout device. To pick up an item, move your hand to it and pull the controller trigger.

43. Put the circuit breaker lockout device on your belt. To do this, put the item in the highlighted area on your belt and pull the trigger.

44. Take the lock with the tag. To pick up an item, move your hand to it and pull the controller trigger.

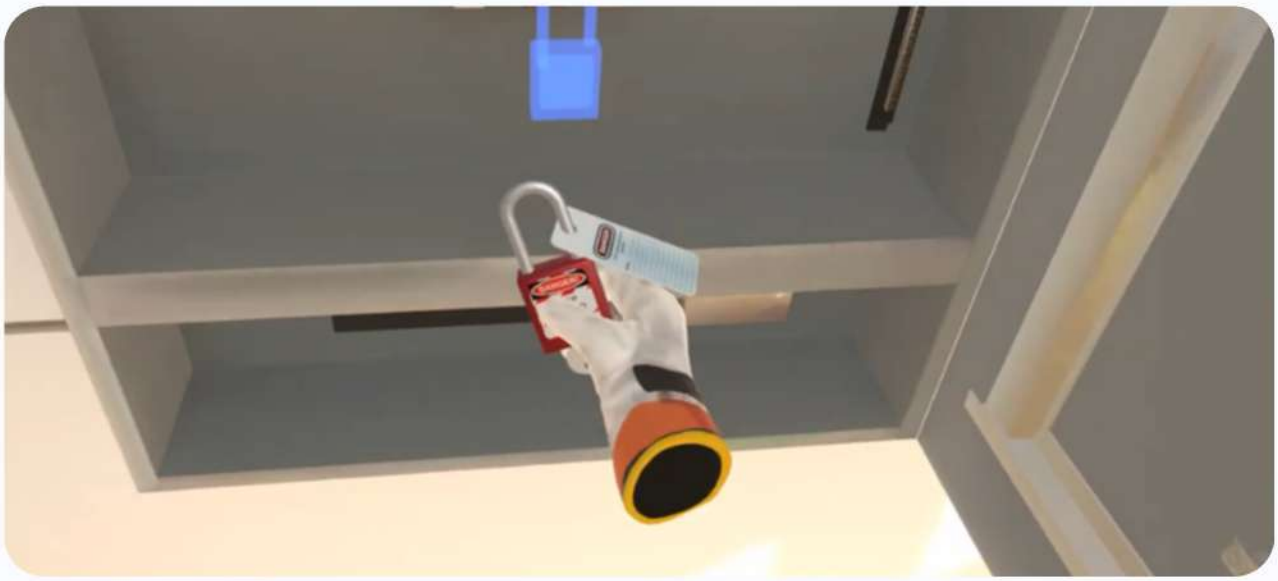
45. Put the lock with the tag on your belt. To do this, put the item in the highlighted area on your belt and pull the trigger.

46. Turn off the power. To do this, bring your hand to the switch and pull the trigger.

47. Take the circuit breaker lockout device from the belt. To pick up an item, move your hand to it and pull the controller trigger.

48. Place circuit breaker lockout device on the switch. To do this, move your hand to it and pull the controller trigger.

49. Take the lock from the belt. To pick up an item, move your hand to it and pull the controller trigger.



50. Install the lock on the circuit breaker lockout device. To do this bring the lock from your belt to the highlighted area.

51. Sign the lockout tag. To do this, move your hand to it and pull the controller trigger.

52. Lock the lock and take the key out.

53. Come to the main power switch. To move, point the controller at the green circle and pull the trigger.

54. Switch the meter to the field sense mode. To do this click on the icons on the side of the meter with the raycast.

55. Take the black probe in your hand. To do this click on the icons on the side of the meter with the raycast.

56. Insert the probe in the neutral connector. To do this put the probe in the highlighted area in the switchbox and hold the trigger.

57. Check the electrical field in the cables. To do this move the fork of the meter along the cable until the green mark appears. Keep the cable between the fork opening of the meter. Watch the voltage on the meter.

58. Make necessary repairs and complete the training.

59. The task is completed.

60. To exit the task press the Menu button.

VR Trainee Certificate

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

NEXT WORLD

CERTIFICATE

of COMPLETION

This certifies that

DANIEL WILLIAMS

has successfully completed the Next World virtual reality training titled:

Arc Flash Flashover

Date Completed: **November 11, 2025**

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

www.nextworldxr.com | enquiry@nextworldxr.com