**Pre-Trip Vehicle Inspection: Lights**

**Virtual Reality Training**

**Practice/Evaluation Answer Key**

***Part 1 - Left Turn Signal***

1. Teleport to the cab door. Activate the door handle with your virtual hand to enter the cab.
2. Grab the turn signal lever with your virtual hand and trigger button. Lower your hand and release the trigger once the turn signal activates.
3. Grab the cab door handle with your virtual hand to exit the cab.
4. Teleport to the front left of the tractor.
5. Activate the tractor’s front left turn signal light with your laser pointer.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: Left Turn Signal
   2. Answer Question 2: Is the light working properly?
      1. If the light is blinking on and off, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the lamp the correct color?
      1. If the amber housing around the bulb is intact, the correct answer is "Yes."
      2. If the amber housing around the bulb is broken or missing, the correct answer is "No. Report the defect."
6. Teleport to the back left of the tractor.
7. Point the laser toward the tractor’s back left turn signal light. Then pull the trigger on the controller to inspect it.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: Left Turn Signal
   2. Answer Question 2: Is the light working properly?
      1. If the light is blinking on and off, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the lamp the correct color?
      1. If the amber housing around the bulb is intact, the correct answer is "Yes."
      2. If the amber housing around the bulb is broken or missing, the correct answer is "No. Report the defect."
8. Teleport to the back left of the trailer.
9. Point the laser toward the trailer’s back left turn signal light. Then pull the trigger on the controller to inspect it.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: Left Turn Signal
   2. Answer Question 2: Is the light working properly?
      1. If the light is blinking on and off, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the lamp the correct color?
      1. If the amber housing around the bulb is intact, the correct answer is "Yes."
      2. If the amber housing around the bulb is broken or missing, the correct answer is "No. Report the defect."

***Part 2 - Right Turn Signal***

1. Teleport to the cab door. Activate the door handle with your virtual hand to enter the cab.
2. Grab the turn signal lever with your virtual hand and trigger button. Move your hand up and release the trigger once the turn signal activates.
3. Grab the cab door handle with your virtual hand to exit the cab.
4. Teleport to the front right of the tractor.
5. Point the laser toward the tractor’s front right turn signal light. Then pull the trigger on the controller to inspect it.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: Right Turn Signal
   2. Answer Question 2: Is the light working properly?
      1. If the light is blinking on and off, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the lamp the correct color?
      1. If the amber housing around the bulb is intact, the correct answer is "Yes."
      2. If the amber housing around the bulb is broken or missing, the correct answer is "No. Report the defect."
6. Teleport to the back right of the tractor.
7. Point the laser toward the tractor’s back right turn signal light. Then pull the trigger on the controller to inspect it.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: Right Turn Signal
   2. Answer Question 2: Is the light working properly?
      1. If the light is blinking on and off, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the lamp the correct color?
      1. If the amber housing around the bulb is intact, the correct answer is "Yes."
      2. If the amber housing around the bulb is broken or missing, the correct answer is "No. Report the defect."
8. Teleport to the back right of the trailer.
9. Point the laser toward the trailer’s back right turn signal light. Then pull the trigger on the controller to inspect it.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: Right Turn Signal
   2. Answer Question 2: Is the light working properly?
      1. If the light is blinking on and off, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the lamp the correct color?
      1. If the amber housing around the bulb is intact, the correct answer is "Yes."
      2. If the amber housing around the bulb is broken or missing, the correct answer is "No. Report the defect."

***Part 3 – High Beams***

1. Teleport to the cab door. Activate the door handle with your virtual hand to enter the cab.
2. Grab the turn signal lever with your virtual hand and trigger button. Push the lever away from you and release the trigger once the high beams activate.
3. Grab the cab door handle with your virtual hand to exit the cab.
4. Teleport to the front left of the tractor.
5. Select the left high beam with the laser pointer.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: High Beam
   2. Answer Question 2: Is the light working properly?
      1. If the light is on, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the high beam aimed properly?
      1. If the light is shining on the avatar’s mid-section, the answer is "Yes."
      2. If the light is shining on the avatar's legs, the answer is "No, the beam is aimed too low."
      3. If the light is shining on the avatar's upper torso and head, the answer is "No, the beam is aimed too high."
   4. Answer Question 4: Is the lamp the correct color?
      1. If the bulb is white, the correct answer is "Yes."
      2. If the bulb is blue, the correct answer is "No. Report the defect."
6. Teleport to the front right of the tractor.
7. Select the right high beam with the laser pointer.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: High Beam
   2. Answer Question 2: Is the light working properly?
      1. If the light is on, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the high beam aimed properly?
      1. If the light is shining on the avatar’s mid-section, the answer is "Yes."
      2. If the light is shining on the avatar's legs, the answer is "No, the beam is aimed too low."
      3. If the light is shining on the avatar's upper torso and head, the answer is "No, the beam is aimed too high."
   4. Answer Question 4: Is the lamp the correct color?
      1. If the bulb is white, the correct answer is "Yes."
      2. If the bulb is blue, the correct answer is "No. Report the defect."

***Part 4 – Brake Lights***

1. Teleport to the cab door. Activate the door handle with your virtual hand to enter the cab.
2. Grab the johnny bar on the dashboard with your virtual hand and trigger, and pull it down.
3. Grab the cab door handle with your virtual hand to exit the cab.
4. Teleport to the back left of the tractor.
5. Select the tractor’s back left brake light with the laser pointer.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: Left Brake Light
   2. Answer Question 2: Is the light working properly?
      1. If the light is on, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the lamp the correct color?
      1. If the red housing around the bulb is intact, the correct answer is "Yes."
      2. If the red housing around the bulb is broken or missing, the correct answer is "No. Report the defect."
6. Teleport to the back left of the trailer.
7. Selection the trailer’s back left brake light with the laser pointer.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: Left Brake Light
   2. Answer Question 2: Is the light working properly?
      1. If the light is on, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the lamp the correct color?
      1. If the red housing around the bulb is intact, the correct answer is "Yes."
      2. If the red housing around the bulb is broken or missing, the correct answer is "No. Report the defect."
8. Teleport to the back right of the trailer.
9. Select the trailer’s back right brake light with the laser pointer.
   1. Answer Question 1: What type of light are you inspecting?
      1. Correct answer: Right Brake Light
   2. Answer Question 2: Is the light working properly?
      1. If the light is on, the correct answer is "Yes."
      2. If the light is off, the correct answer is "No. Report the defect."
   3. Answer Question 3: Is the lamp the correct color?
      1. If the red housing around the bulb is intact, the correct answer is "Yes."
      2. If the red housing around the bulb is broken or missing, the correct answer is "No. Report the defect."
10. Teleport to the back right of the tractor.
11. Select the tractor’s back right brake light with the laser pointer.
    1. Answer Question 1: What type of light are you inspecting?
       1. Correct answer: Right Brake Light
    2. Answer Question 2: Is the light working properly?
       1. If the light is on, the correct answer is "Yes."
       2. If the light is off, the correct answer is "No. Report the defect."
    3. Answer Question 3: Is the lamp the correct color?
       1. If the red housing around the bulb is intact, the correct answer is "Yes."
       2. If the red housing around the bulb is broken or missing, the correct answer is "No. Report the defect."
12. Teleport to the Finish Inspection screen, and select "Finish Inspection" with the laser pointer.