Day 1 Test

1. Emergency Stop buttons are located in which of the following locations?
   1. Gate Enclosures.
   2. HMI Enclosure.
   3. Robot End of Arm Tool.
   4. Jackpot Conveyor.
2. What is an emergency pull line?
3. How many sets of light curtains are included in the robotic palletizer cell?
4. What types of utilities power the robotic palletizer cell?
5. What does the conveyor indicator light indicate when illuminated yellow?
6. What information do the pallet location screens display?
7. The stack light is flashing red, which of the following conditions must be true?
   1. The buffer and/or jackpot conveyor is full.
   2. Operator attention required, but no fault is present.
   3. An E-Stop button has been pushed.
   4. The machine is in cycle.
8. Put the following start up procedure in order of operations:
   1. Push Cycle Start button.
   2. Push Power On button for 3 seconds to turn on UPS.
   3. Pull out all E-Stop buttons.
   4. Make sure electrical power and air sources are on.
   5. Push Safety Reset button.
   6. Push Fault Reset button.
   7. Push Auto Mode on Main screen.
   8. Access Main screen on HMI enclosure.
   9. Turn trap key to set light curtains.
9. When should you push a Request to Enter button?
10. If the camera cannot verify the placement location of a tote, what should the operator do to recover the cycle?

Day 1 Test Answer Key

1. A and b
2. Emergency pull lines stop conveyor motion immediately, and bring the robot to a controlled stop. Emergency pull lines include a cable, switch, and support.
3. 4
4. Electric and Air power.
5. Incoming conveyor is jammed.
6. Pallet location number; pallet is present or not present; pallet is full or not full.
7. C
8. D, c, I, b, e, f, h, g, a
9. Every time you need to enter the cell.
10. Enter the cell, verify the tote is okay, exit the machine.