Trainer Lab # 8 Operate a Uni-Directional Motor:



Trainer Lab Instructions:

Steps:

1. Make sure you are wearing safety glasses.
2. Make sure that the orange shut off valve is shut off before you start hooking up any components.
3. Make sure that 2 of the 3 ports on the silver manifold are plugged.
4. Take a hose from the silver manifold, and run it to the “P” port on the Manually Operated Valve.
5. Take a 16” hose (approximate length) and run it from the “A” port on the Manually Operated Valve to the non-rod side of the “Small Single Acting Cylinder”
6. Take a 16” hose (approximate length) and run it from the “B” port on the Manually Operated Valve to port on the Uni-Directional motor (See Video if you need further explanation)
7. Push the Manually Operated Valve to the left or to the “A” side of the Manually Operated Valve.
8. Video yourself doing Steps: 9-11 and submit.
9. Turn on the orange shut off valve and set the “FR” unit to 60 PSI. Check to make sure that your “Small Single Acting Cylinder” is extended.
10. Shift the Manually Operated Valve to the right or the “B” port. The motor should operate.
11. Turn off the orange shut off valve, cycle the Manually operated valve back and forth a couple of times so that there is no stored air in the system. Un-hook the hoses and put everything away.