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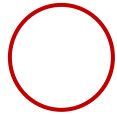
These questions are in reference to the drawings included with the test.

For this scenario, Secondary Clarifiers No.2 and No.4. are in operation. RAS Pump No. 2 is active and dedicated to Clarifier No. 2. Isolate Clarifier No. 4 and drain it back to the two (2) oxic zones of Aeration Tank No. 1. RAS Pump No. 4 is active and dedicated to Clarifier No. 4. Using identification tags, what gates, blowers, valves etc., would be changed in making that happen. You can list the steps along with identification number below, or mark the drawing by drawing a CIRCLE around the equipment and writing the action taken next to it. If the markings on the drawings are not legible to the judges, you will not receive credit.

For Graders Only

Answer

Points 50/100



The symbol used to mark up drawings for this questions is a CIRCLE

- 4
- a. Clarifier No. 2 in service (No changes to RAS Pump No. 2)
  - b. Clarifier No. 4 out of service and drained to AT No. 1:
    - i. Close SG-48"X18"-818-33 and SG-48"X18"-818-34
    - ii. Close SG-27"X60"-812-501 and SG-27"X60"-812-502
    - iii. Open SG-27"X60"-812-503 and SG-27"X60"-812-504
    - iv. Close PV-16"-819-59
    - v. Open PV-16"-819-64, PV-12"-819-65, PV-12"-819-66
    - vi. Energize Pump No. 4

Or properly marked drawings