
Learning Activity #2 Mechanical Room Components

Instructor Directions:

Explain the exercise to the students and break the class into groups, ideally 4-5 students per group. Each group should designate a spokesperson to share out when the class gets back together. This graphic can be found at <https://sftool.gov/explore/green-building/section/9/hvac/system-overview#mechanical-room>. The SFTool website is a great resource. Each green dot, you can click on for more information.

As an alternative to breaking out into groups, this could be done as a class exercise together.

Estimated time for students in group: 10-15 minutes

Overall estimated time for activity: 20 minutes

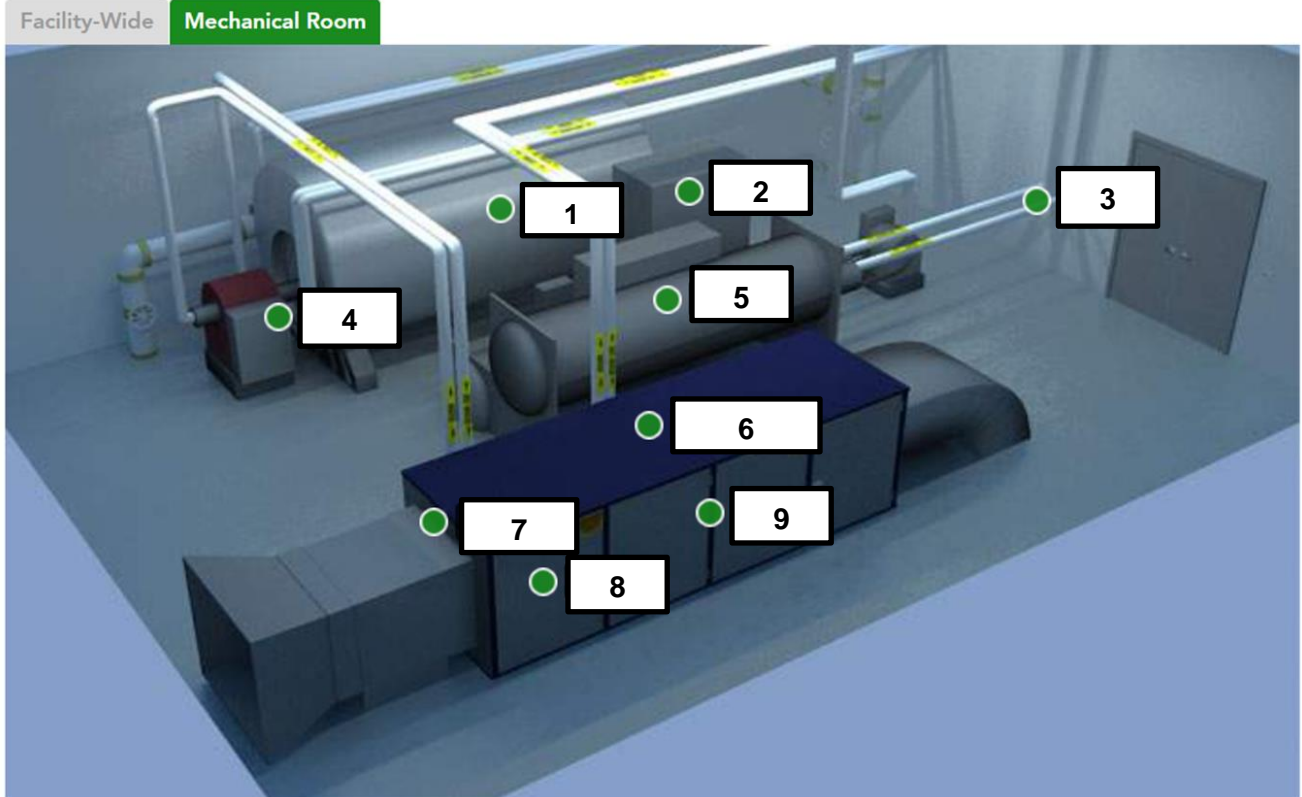
Fundamentals of Energy Efficient Building Operations



Participant Directions

Without looking back in your book, try to name all the components of this mechanical room

HVAC Components



Identify each piece of equipment:

- | | |
|-------------|----------------------|
| 1. Boiler | 6. Air handling unit |
| 2. Controls | 7. Economizers |
| 3. Piping | 8. Filters |
| 4. Pumps | 9. Furnaces |
| 5. Chiller | |