

## Activity 2: Marcet Boiler Operation

1. What is the heat mechanism used in market boiler operation?
2. What is the type of convection used in market boiler?
3. What is the purpose of market boiler operation?

## Answer

1. **Convection:** Energy exchange mechanism between a surface and a fluid moving over a surface.
2. **Forced convection:** Flow is induced by an external source, for market boiler, heater are used to heat up the water to desired temperature.
3. Purposes of the market boiler is heat up water until it reach vaporization phase where steam are used to generate saturated pressure of steam.