

Glossary

- Boiler- Equipment used for generation of steam.
- Sensible heat – Heat required raising the temperature of water from room temperature to boiling temperature.
- Latent heat – Heat required for evaporation of water.
- Superheat- Heat absorbed by dry steam.
- Dryness fraction - The steam dryness fraction is used to quantify the amount of water within steam.
- J - Mass flux
- k - mass transfer coefficient
- D - diffusion coefficient
- C - concentration of moisture
- q - heat flux
- h - heat transfer coefficient
- T –Temperature
- Cp- Heat capacity.
- ρ - Density.