



Distillation Process Measurement



Course Objectives

1. Explain quality control and the need to keep products in-spec during production.
2. Describe how a distillation column has different temperature points in one column.
3. Explain how a small temperature difference inside a distillation column can impact the process.
4. Describe the use of temperature profiles, how they are measured, and how they are used.
5. Describe temperature control throughout a system.
6. List pressure measurements in a basic distillation system.
7. Describe the results of incorrect pressure measurements in a distillation system.



Key Terms (Define the following)

"Delta P" - _____



Questions

1. The temperature gradient in a distillation column decreases from the bottom to the top of the column.
 True
 False
2. Increases in column pressure affect column performance by increasing column temperature.
 True
 False