

Before the experiment

1. Define gas absorption.
2. Mention any 2 industrial applications of gas absorption.
3. Define HTU & NTU.
4. Unit of overall mass transfer coefficient is ____ .
5. What is the effect of the liquid flow rate on gas absorption in a packed bed tower?
6. Mention the relation between HETP and HTU.

After the experiment

1. What is the importance of BaCl_2 solution in this experiment?
2. Differentiate between packed bed tower and tray tower.
3. How does the liquid flow rate effect the overall mass transfer coefficient?
4. How does the liquid flow rate effect the HTU?
5. How does the liquid flow rate effect the NTU?