***Name of Unit Operation:***

Name:

1. Describe the unit operation

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1. Provide the basics of mass and energy streams in the unit (provide a flowsheet that shows mass and energy flows)
2. Provide design and operating principles; what is the role of transport in this unit’s operation?
3. Provide most common/less-common uses of this particular unit operation

Most common use:

Less common uses:

1. Three important limitations to this UO
	1.
	2.
	3.
2. Up to three chemical engineering production schemes that currently employ the unit (and how they employ it)
3.
4.
5.
6. Indicate how this unit operation differs from other units/processes sometimes used for the same purpose
7. Indicate the references you used for this submission: