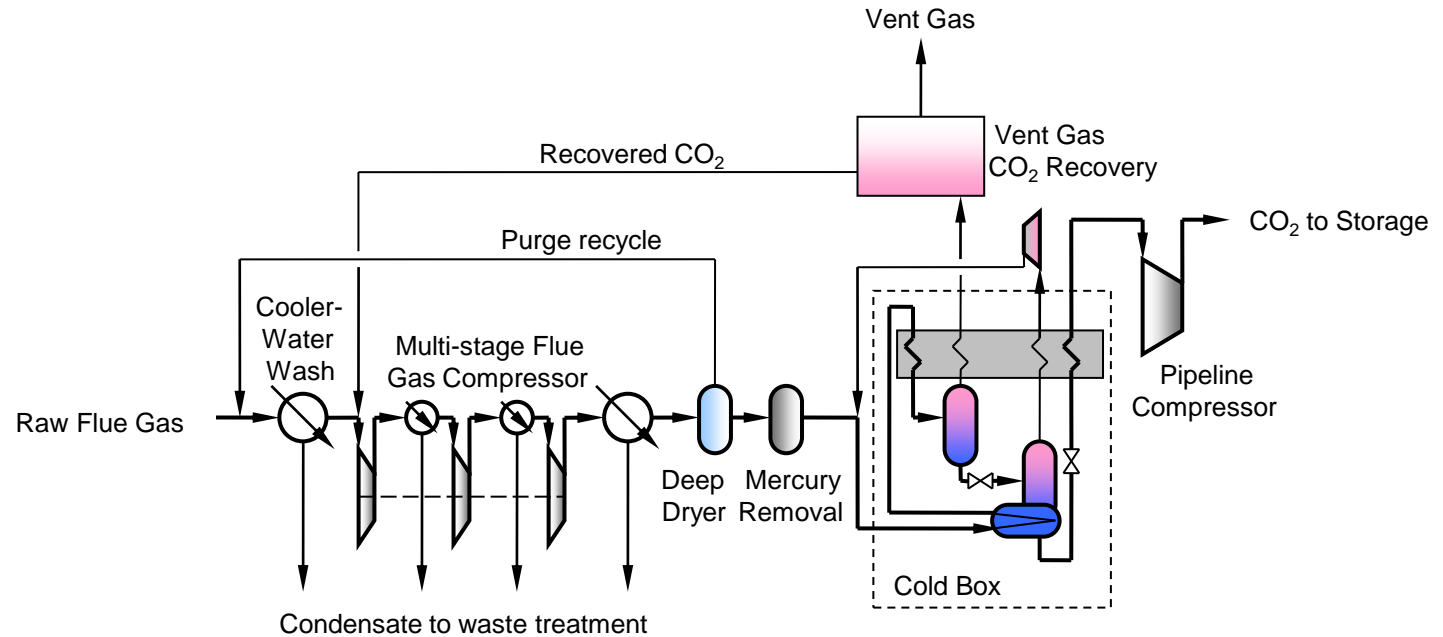


# CO<sub>2</sub> Purification Unit



- Warm End
  - Flue gas cooling/water wash
  - SO<sub>x</sub>/NO<sub>x</sub> removal during compression
- Cold Box (if required)
  - Full scale will use liquid CO<sub>2</sub> as the refrigerant
  - Cold box design vs. required CO<sub>2</sub> purity
- Vent Gas CO<sub>2</sub> Recovery
  - Membrane
  - Adsorbent
- Pipeline compression

*CPU design will be a strong function of design basis CO<sub>2</sub> purity specification.*