

State Use 101
Print Date 11/18/2024 6:45:07 A

The diagram illustrates a process flow involving three main vessels: PAT (Process Air Tank), GAR (Gas Air Receiver), and BMT (Biomethane Tank). The flow is characterized by various pipes with associated flow rates and control points.

- Feed Line (Top Left):** A blue line with a flow rate of 5 entering a mixing point. The mixing point has a flow rate of 11 and a control point labeled 3.6. The flow then splits into two paths: one leading to the PAT vessel (flow rate 12) and another leading to the BMT vessel (flow rate 6).
- PAT Vessel:** A large rectangular vessel with a flow rate of 24 entering from the top and a flow rate of 12 exiting to the right. The vessel is labeled "PAT" in red.
- BMT Vessel:** A smaller rectangular vessel with a flow rate of 6 entering from the top and a flow rate of 12 exiting to the right. The vessel is labeled "BMT" in blue.
- Return Line (Bottom Right):** A red line with a flow rate of 24 entering from the bottom and a flow rate of 14 exiting to the left. The vessel is labeled "GAR" in red.
- Control Points:** Several control points are indicated by numbers in red or blue, including 5, 11, 3.6, 2, 12, 24, 52, 14, 21, 3, 10, 9, 5, 6, 12, 17, 16, 14, and 24.
- Flow Rates:** The flow rates are indicated by numbers along the pipes, such as 5, 11, 3.6, 2, 12, 24, 52, 14, 21, 3, 10, 9, 5, 6, 12, 17, 16, 14, and 24.