GENERIC BIOMETHANE PLANT SCHEMATIC

requirement for knife gate, wedge gate, resilient seated,

process. To select the correct valve for the application the

following general points should be taken into consideration:

butterfly, ball and non-return valves depending on the



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- Consider the level of H₂S when choosing valve sealing materials. Viton is recommended over nitrile if the H₂S content is above 200 ppm.
- Knife gates are recommended if the feedstock is more than 10% solids.

AVK manufacture a vast range of valves including the types detailed above. To find our recommendation for the correct product for your application use the colour coding in this schematic and the following product section.*