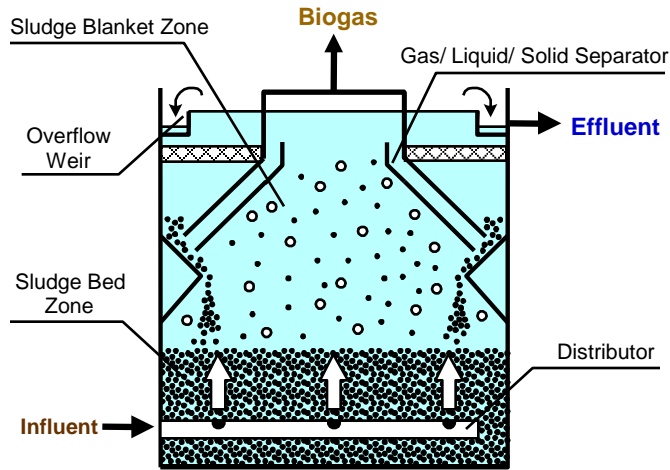


ANAEROBIC BIO-REACTOR

UPFLOW ANAEROBIC SLUDGE BED (UASB)



UASB is very efficient in treating organic wastewater without energy consumption in the bioactivities. Organics are degraded and the biogas generated can be used as source of energy renewal.



▲ Indoor UASB reactor in Food Processing Plant, Subang Jaya

Features

- Low space requirement
- Low operating cost – power, waste sludge, chemicals
- Biogas - Potential energy recovery/renewal

Applications

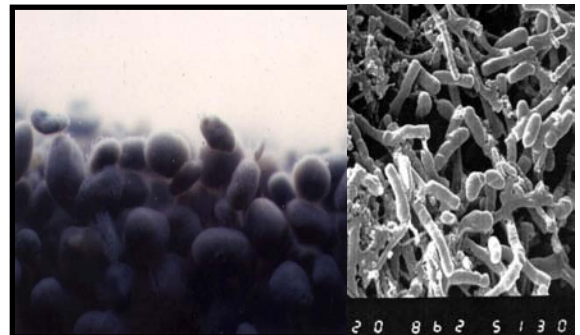
- Fermentation/Breweries
- Food/Dairy/Beverages industries
- Paper mill
- Petro-Chemical/Chemical industries

Patents

- TW 100697, 122668, 106109, 156653



▲ Outdoor UASB reactor in Food Processing Plant, Shah Alam



▲ Anaerobic granular bacteria in UASB