

Biogas Purification & Bottling Plant

CNG
BOTTLING
PLANT

PURITY OF THOUGHTS



WASTE TO ENERGY



AIRSHUDDHI
ENGINEERS

www.airshuddhi.com



Director's Profile

- **Niraj Kumar Singh**
B.E. Mechanical
- **Prajesh Patel**
B.Sc.
- **Surendra Singh**
B.E. Mechanical

 Innovative products with superior quality.

 Develop more organized & disciplined approach.

 Affordable pricing offers.

ABOUT AIRSHUDDHI ENGINEERS

Airshuddhi Engineers is one of the leading company focused on transforming organic waste into Green Energy along with manufacturing and designing high quality PSA nitrogen generators plants. With years of continuous & strenuous efforts in research & development, the company holds a pioneer position in designing and manufacturing of Bio Gas generation Plant Bio Gas Purification & Bottling Plant, Oxygen generators, Oxygen gas plants, Nitrogen gas plants, PSA Nitrogen gas plant, VPSA Oxygen gas plant, Air Dryers and Pressure Vessels.

VPSA Biogas Purification Plant



CNG booster compressor



Cascaded CNG Cylinders



CNG

vs.

LPG

- Compressed Natural Gas is domestically available, economical, clean burning, alternative fuel source for vehicles.
- Higher initial Investment
- Lower running cost
- Lesser power delivery
- Lesser tune-ups required
- Limited availability
- Safer: It is lighter and has a higher ignition temperature

- LPG or Liquefied Petroleum Gas is a hydrocarbon fuel, lighter than petroleum that can be used as an automotive fuel.
- Lower initial Investment
- Higher running cost
- Increased power delivery
- More refined
- Far better availability
- Heavier and has a lower ignition temperature



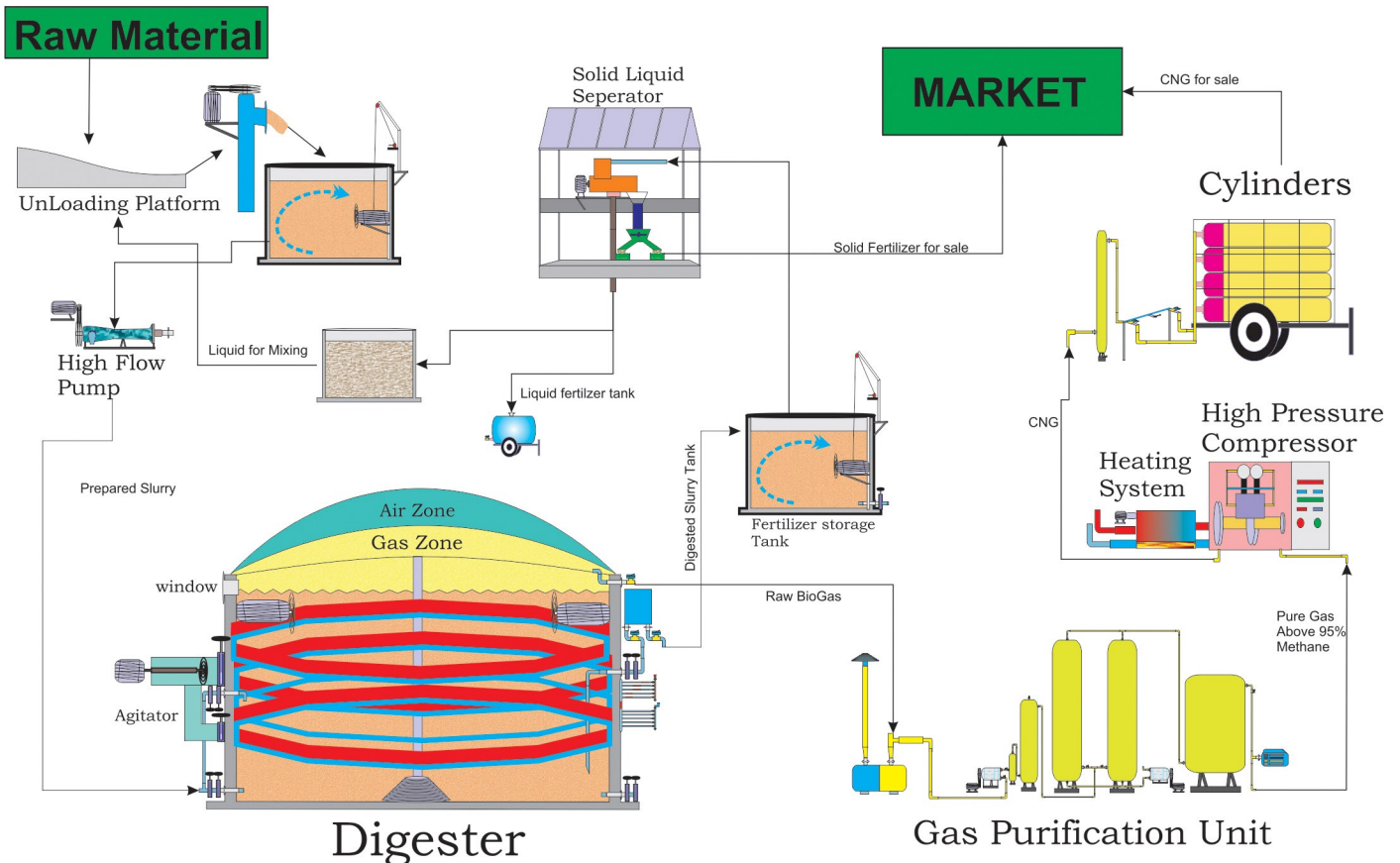
Switch to CNG for a Greener Future



CNG BENEFITS

- ✓ Affordable for common people in cost.
- ✓ Pollution free Environment(eco-friendly).
- ✓ CNG has lower emission of harmful pollutants & greenhouse gases.
- ✓ There is an abundant supply of domestic CNG.
- ✓ CNG Engines are cleaner, perform well, and are easier to maintain.
- ✓ CNG is likely to ignite on hot surface (safe).

CNG Process Flow Chart





AIRSHUDDHI

ENGINEERS

Our Services

- Bio Gas Generation Plants
- Bio Gas Purification & Bottling Plants
- PSA Nitrogen Gas Plant
- PSA Oxygen Gas Plant
- VPSA Oxygen Gas Plant
- Air Dryers & Pressure Vessels



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