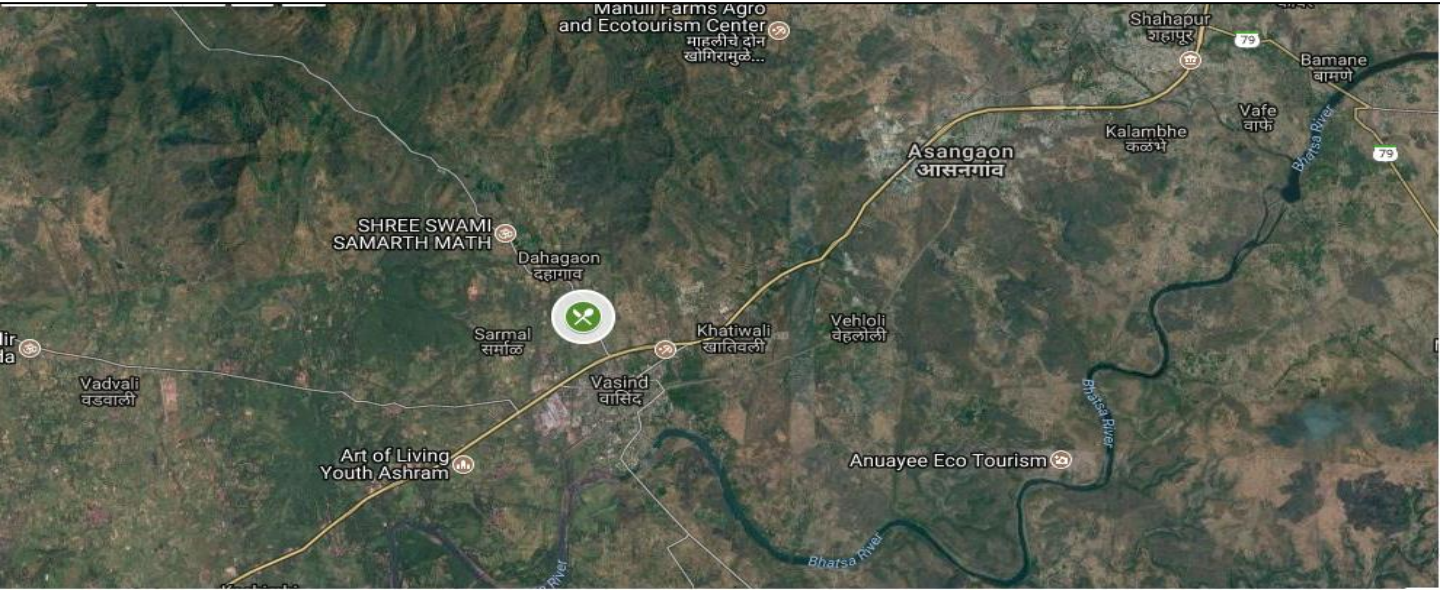


# Essel Propack Limited

19°25'5.13"N, 73°15'35.09"E  
Vasind  
Thane District

Date of Commissioning: May 2015  
Biogas Cooking Grid



Biogas Plant was installed at a cowshed near the company campus. The generated gas is transported to company canteen for cooking food, 300 meters away from plant.

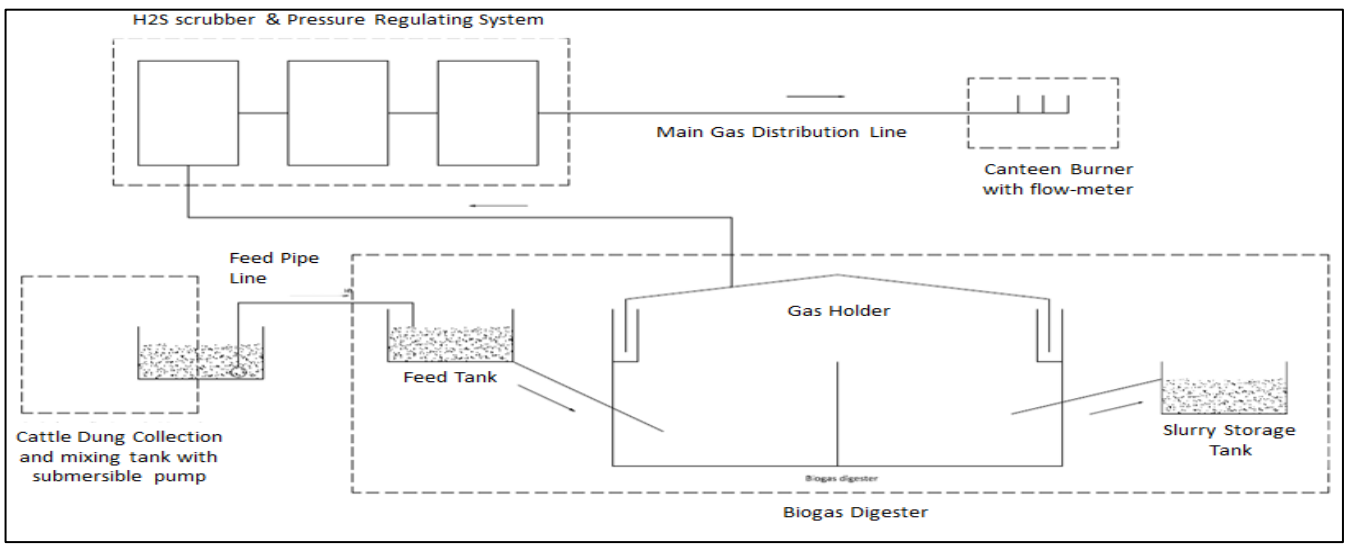
Technical Specifications  
Biogas Plant – Floating dome with M.S Gas holder  
Capacity - 30m<sup>3</sup>  
Feed – cattle manure  
Distribution line – 300 m  
Use – For cooking in company canteen replacing LPG to some extent



Pipeline distribution

Project Completed by Gram Oorja Solutions





Biogas flow diagram



Flow meter



Domestic biogas burner



Commercial biogas burner



Cooking on biogas burner at Canteen

Two biogas canteen burners are used at company canteen. 40% of daily cooking fuel requirement is replaced satisfactorily with biogas from the available waste.