

## Galvanizing Application

### Site of Intervention

- Ponneri, Chennai. INDIA

### Type of Intervention

- Supply, Installation and Commissioning of Biomass Gasification System for Hot Dip Galvanizing

### Title of the Case Study

- ANKUR BIOMASS GASIFIER FOR HOT DIP GALVANIZING

### Objective of the Case Study

- To replace Furnace Oil consumption of 48 litres per hour with Wood

### Summary

- The system was installed to fully replace Furnace Oil consumption in Galvanizing bath

### Choosing the Intervention - Motivation

- Locally available wood was used in the Gasifier
- 48 liters per hour Furnace Oil was replaced

### Description of the Intervention (150 words)

- Ankur Scientific supplied, installed and commissioned the Biomass Gasification System for replacing about 48 ltrs/hr of FO which was being used in Galvanizing bath

### Intangible or Tangible Benefit (100 words)

- Furnace Oil Saving - 1,150 liters per day
- Payback Period - Approx. 6.5 months

Some photographs of the project:

