

## Galvanizing Application

### Site of Intervention

- Raipur, Chhattisgarh. 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 60 litres per hour with Rice Husk

### Summary

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

### Choosing the Intervention - Motivation

- Locally available rice husk was used in the Gasifier
- 60 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 60 ltrs/hr of FO which was being used in Galvanizing bath

### Intangible or Tangible Benefit (100 words)

- Furnace Oil Saving - 1,440 liters per day
- Payback Period - Approx. 9.4 months

Some photographs of the project:

