

Savings by storing coal inside shed

Location: Terai Steel Industries, Nepal

Process: Rerolling unit

Before

- In a rolling mill, coal was stored in the open in the damaged shed. This led to loss of coal by rain and wind. Also, the moisture in coal led to high consumption and longer time in burning of coal in the furnace.



After

- A shed was constructed for the storage of coal. This shed prevented the coal from getting wet or contaminated by rain or dust, leading to high burning efficiency.



Costs/benefits

Cost: NPR 150,000

Payback: 4 months

Annual savings: NPR 560,000

(25.5 t of coal)

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