

# Fuel savings through improved feeding system

**Location:** Premier Wires Pvt. Ltd., Nepal

**Process:** Wire manufacturing

## Before

- Imported Furnace Oil (FO) was heated and fed to the furnace
- Impurities in FO caused blockage in the fuel pipe or the burner, leading to production disruption
- Due to frequent blockage in pipeline, about 200 litres per day of FO was wasted



## After

- Raw FO is now treated with chemical, filtered, heated and then fed to the furnace
- The flow of FO is now smooth and there is no blockage due to FO impurities
- Fuel wastage is avoided



## Costs/benefits

**Cost:** NPR 1,120,000

**Payback:** 13 months

**Annual savings:** NPR 1,023,000

*(60,000 l fuel per annum)*

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