

## Electricity saving by compressed air leakage reduction

**Location:** Galco Steel (BD) Ltd., Bangladesh

**Process:** Sheet metal manufacturing

### Before

- Air leakages were observed in various machines
- Air compressor operated on load for 5 minutes and was off load for only 5 minutes



### After

- Leaking pipelines, joints were repaired and also some defective pneumatic valves were replaced
- Air compressor off load time has now increased to 14 minutes, saving energy



### Costs/benefits

**Cost:** BDT 10,000

**Payback:** Less than 1 month

**Annual savings:** BDT 251,117

*(31,000 kWh electricity saved)*

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