

## Summary of study: Air compressor in an engineering unit: Unit - 2

**Industry** : Engineering

**Unit profile** : An engineering unit located in Mohali (Punjab) manufacturing gasoline tanks and radiators for tractors

**Technology** :

- Inverter type screw compressor
- Operating practice improvements

**Application** : Energy savings in compressed air system

**Year of investigation** : 2012

**Key features:**

- Reduction of leakages
- Cleaning of air filters
- Improvement of valve

**Energy and cost saving:**

Details	Existing	Recommended
Compressed air system	18.5 kW X 1 unit (screw type)	Operating practice improvements
Energy saving		Marginal

**Note:**

This report is an example for investigating the potential of application of Japanese low carbon technology (LCT) in Indian industries. Adoption of energy efficient technologies and practices can generate greater benefits in compressed air applications in industries.

