

## Summary of study: Air compressor in a footwear unit: Unit - 1

**Industry** : Footwear

**Unit profile** : A footwear manufacturing unit located in Lalru (Punjab) mainly engaged in making leather footwear for women

**Technology** :

- Operating practice improvements

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

**Year of investigation** : 2012

**Key features:**

- Reduction of pressure setting
- Improvement of air dryer
- Automation of compressed air system

**Energy and cost saving:**

Details	Existing	Recommended
Compressed air system	22 kW X 1 + 11 kW X 1 + 7.4 kW X 1	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.

