

## Summary of Study: Air compressor in polymer unit: Unit-2

**Industry** : Polymer

**Unit profile** : A polymer unit located in Faridabad (Haryana)

**Technology** : Operating practice improvements

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

**Year of investigation:** 2023

**Key features:**

- Optimizing piping size and network
- Improvement in drain water treatment
- Reduction of leakages
- Improvement in compressor environment



**Energy and cost savings:**

Details	Existing	Recommended
Compressed air system	22 kW x 1 unit 7.5 kW x 1 unit 3.7 kW x 3 unit	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.