

## Summary of study- Air compressor in a printing ink industry: Unit 1

**Industry** : Printing ink

**Unit profile** : A printing ink unit located in Bengaluru (Karnataka) engaged in manufacture of printing ink, lamination adhesive, lamination solution material, innovative package solution, etc.



**Technology** :

- Improvement of operating practices

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

**Year of investigation:** 2018

**Key features:**

- Optimisation of compressed air piping system
- Improvement of piping in pneumatic actuator
- Installation of pressure gauge to monitor air pressure and losses at usage points
- Improving inlet air conditions of air compressors

**Energy and cost saving:**

Details	Existing	Recommended
Compressed air system	Screw compressor	Same as existing
Energy saving (%)		Marginal