

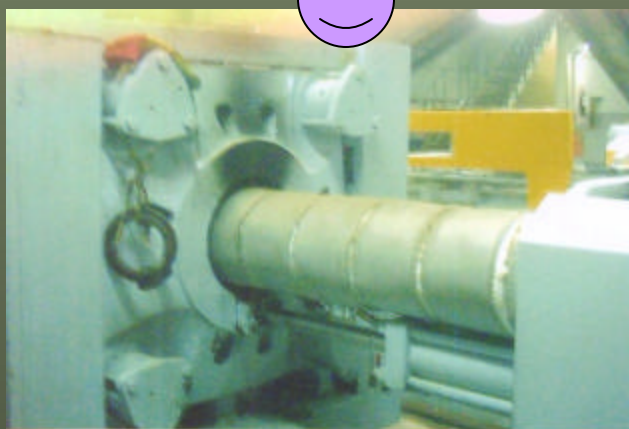
Findings of Cleaner Production Assessment

Waste Stream	Quantity (Annum)	Value (Rs)
Heat losses from moulding machines	236856 KW	1,681,677
Lighting at the factory floor and office area	64203 KW	455,841
Compressed Air losses	175248 KW	1,244,260
Oil leaks from moulding machines	2520 L	262,800
Empty bags (No)	74000	148,000
Raw material Spillages	2400 Kg	168,000
Total (Annum)		3,960,578

Implemented "CP" Solutions - Stage I

CP Option	Investment (Rs)	Payback Period
Heater Insulation	320,000	2.3 months
Use 15 W CFL bulbs	154,350	4 months
Replace the temporary pipe line with a permanent line	100,000	1 month
Replace oil seals & reduce oil temperature	15,000	½ month

Achievements



Insulated Heating Elements



Improved House Keeping Practices

Quantifiable Benefits

Section	Benefits Annual Saving (Rs)
lighting system	455,847
Compressors (By avoiding Air leakages)	1,244,260
Insulating heating elements	1,681,677
Avoiding oil leaks in moulding machines	262,800
Total	3,644,584

Intangible Benefits.....

- ▲ Improvement to Factory Working Conditions through good House Keeping practices
- ▲ Reduced accidents at factory
- ▲ Improvement of Employee Safety & Health
- ▲ Improvement of Employee motivation to work
- ▲ Reduce Noise level and Temperature in the factory
- ▲ Good Company Image due to Environmental concerns
- ▲ Less/ No Pressure from regulatory authorities due to environmentally sound performances

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Apply "Cleaner Production" & be a Winner.....



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