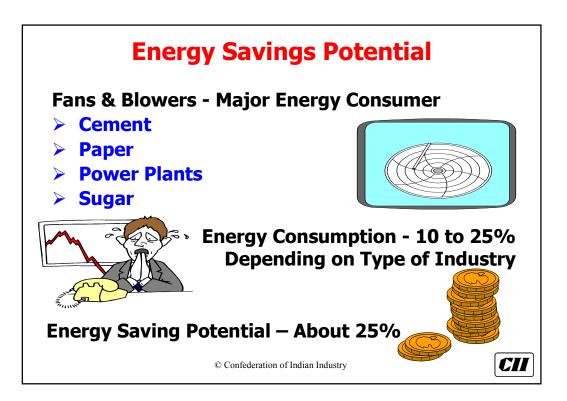
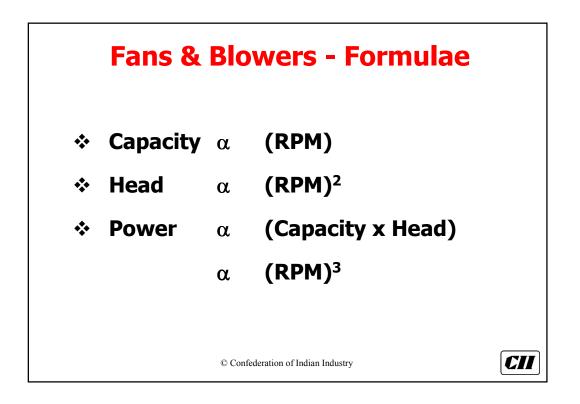
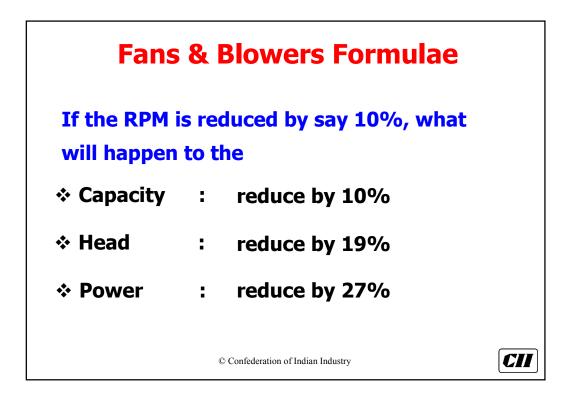
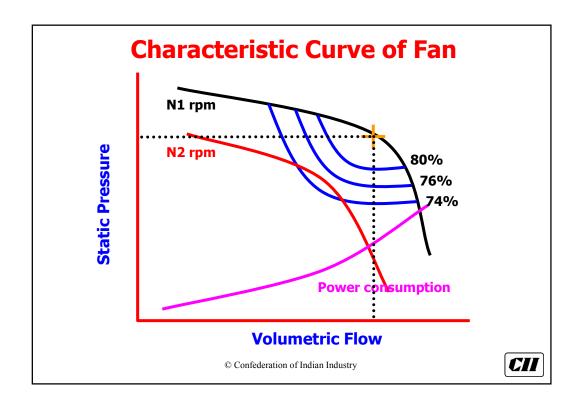


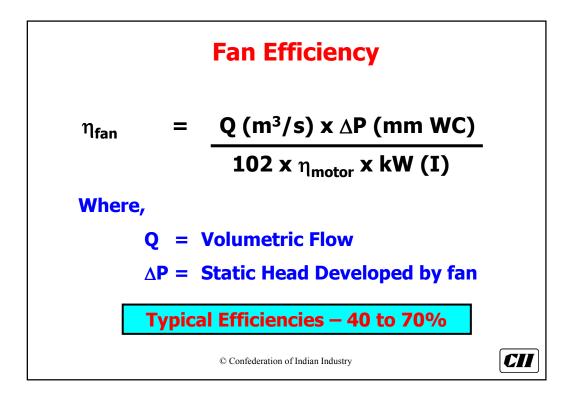
| As per ASME Definition | | | | |
|------------------------|-----------------------|--------------------------|--|--|
| Equipment | Specific Pressure* | Pressure rise (mm WG) | | |
| Fans | < 1.11 | 1136 | | |
| Blowers | 1.11 to 1.20 | 1136 – 2066 | | |
| Compressors | > 1.20 | - | | |

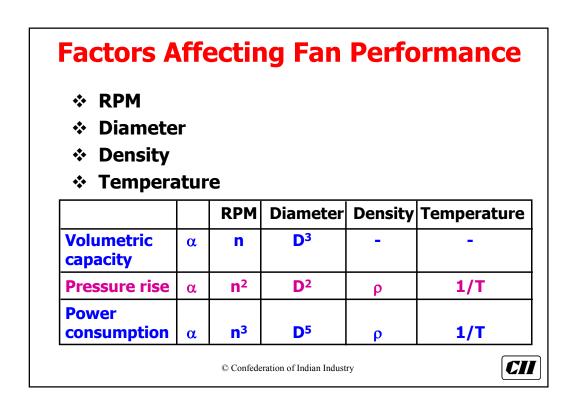


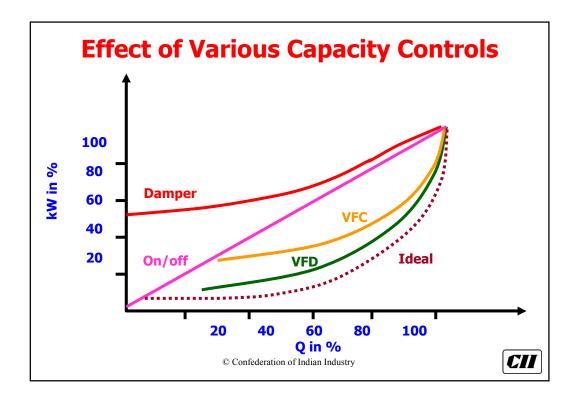


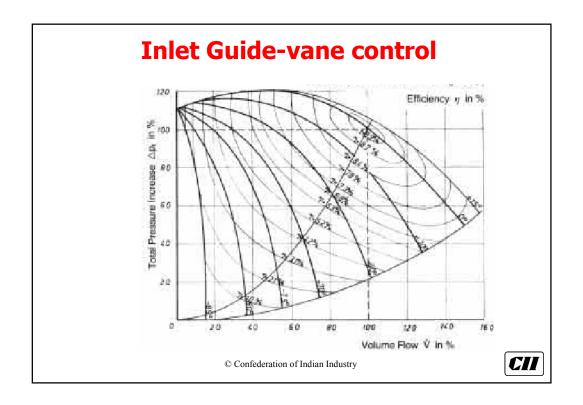


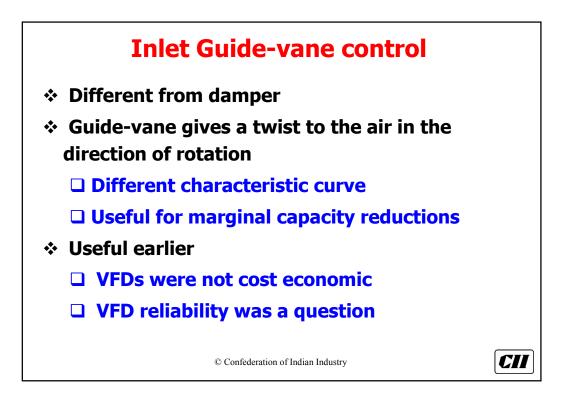


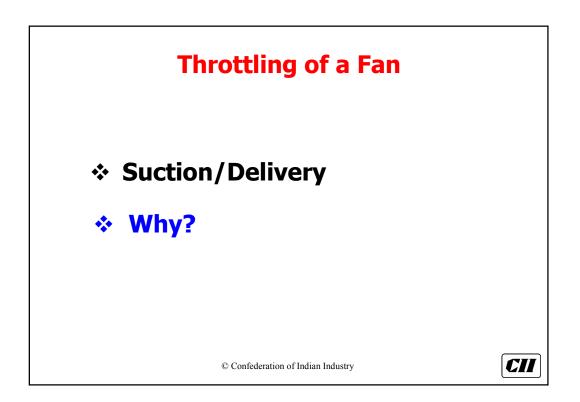


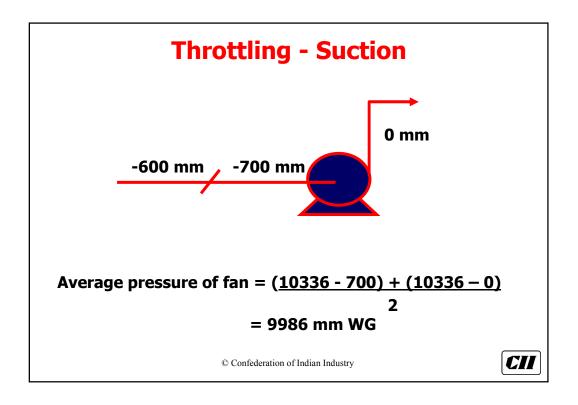


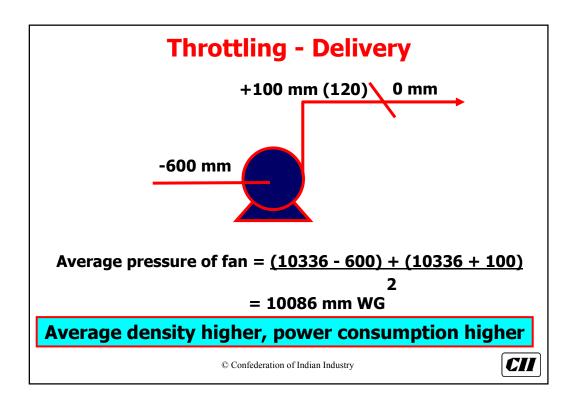


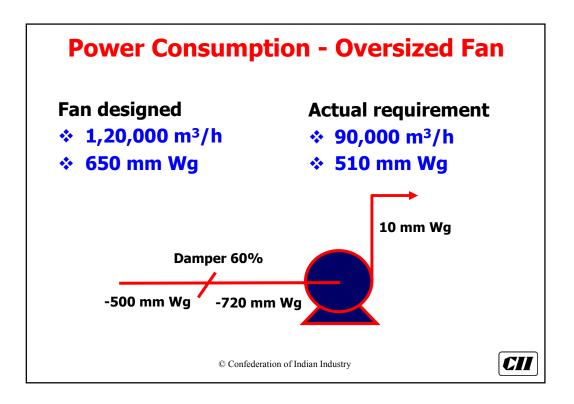


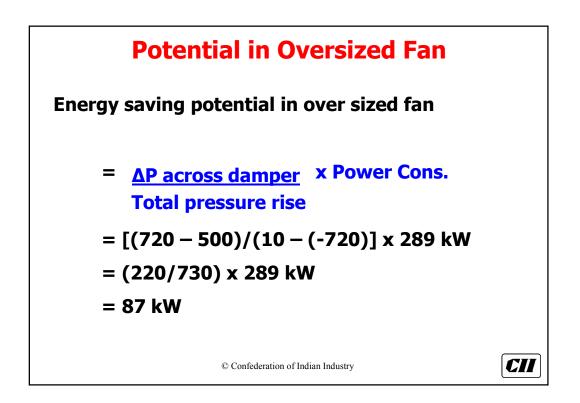


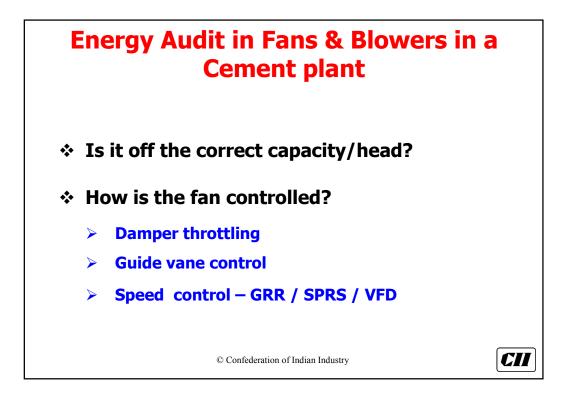


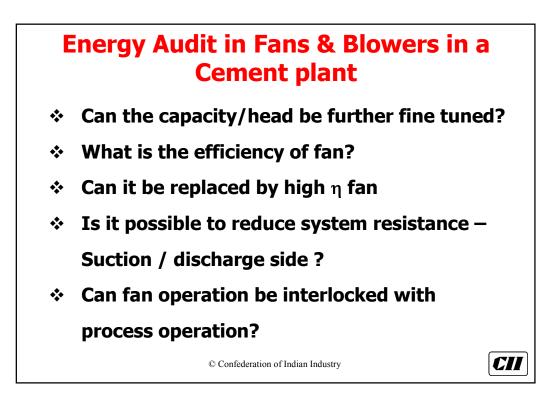


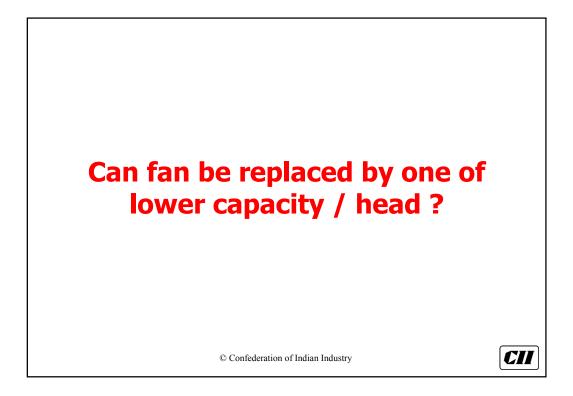


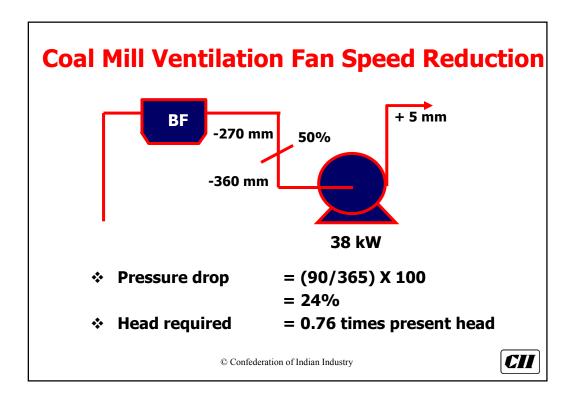


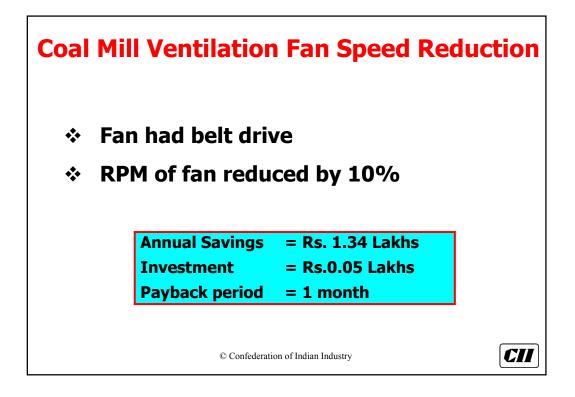


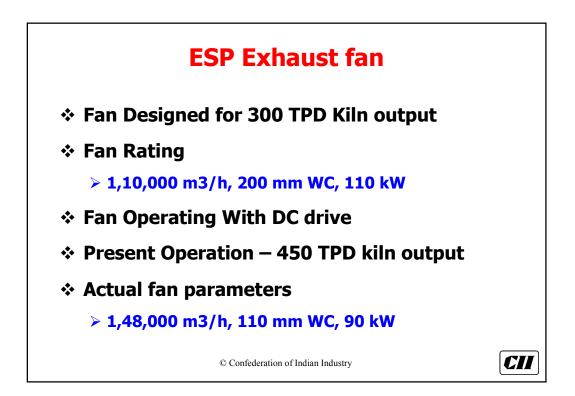


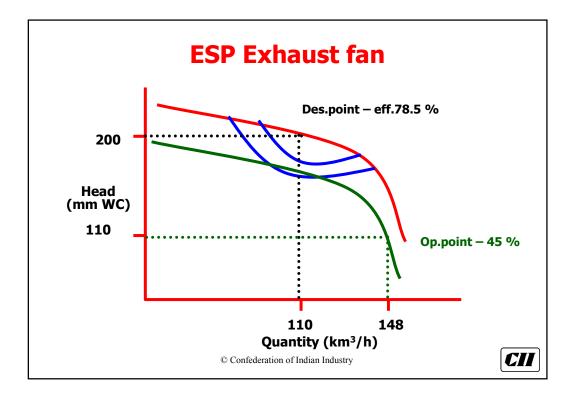




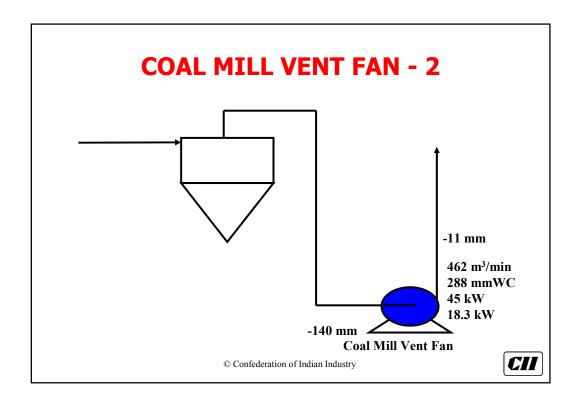


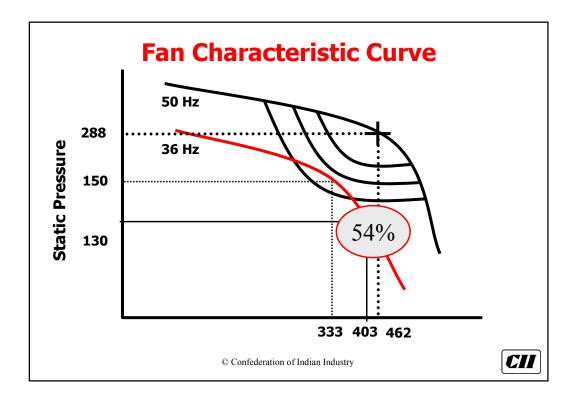


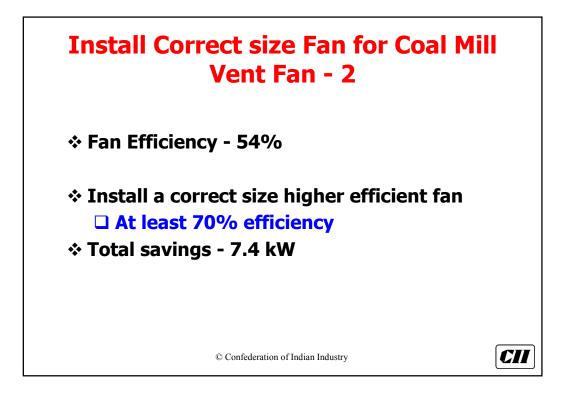


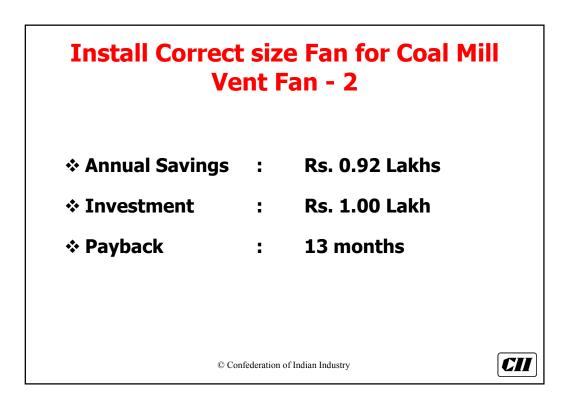


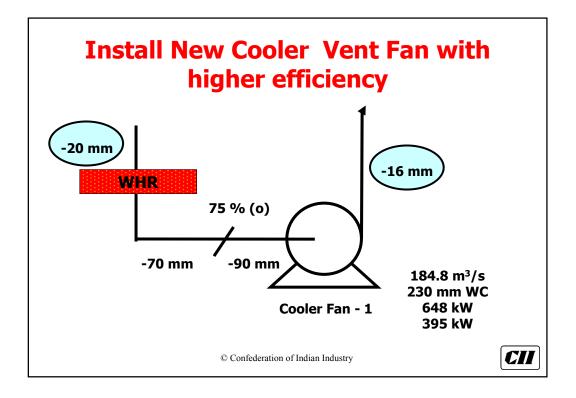


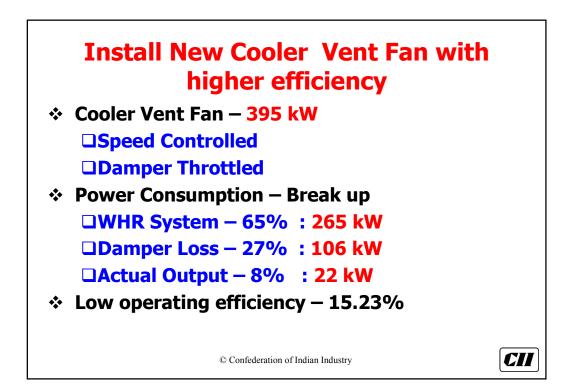


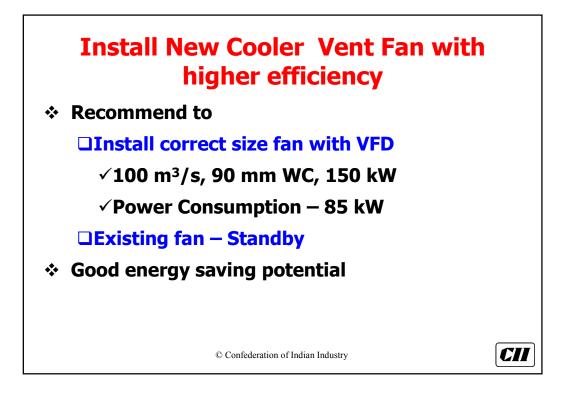


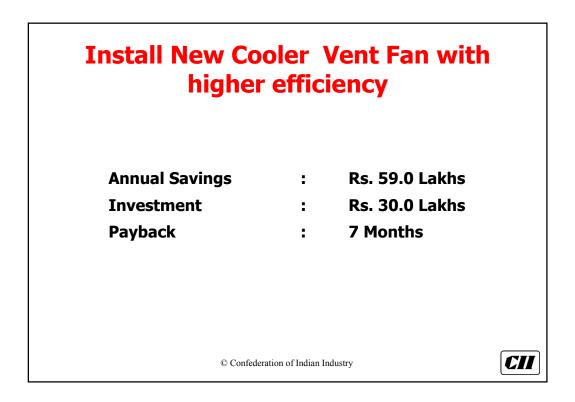


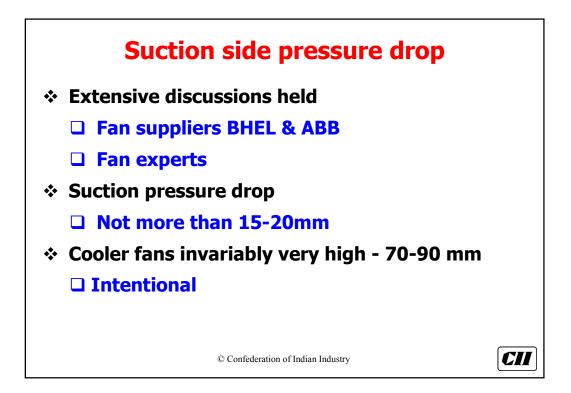


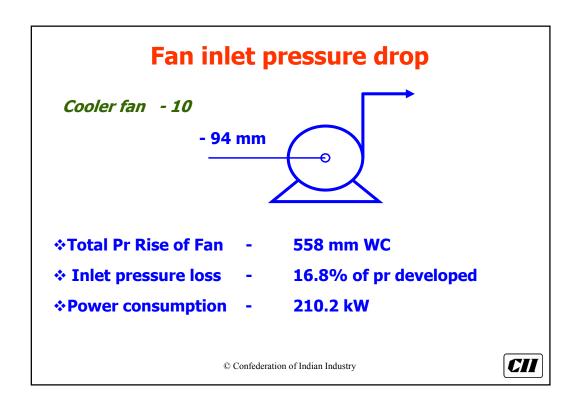


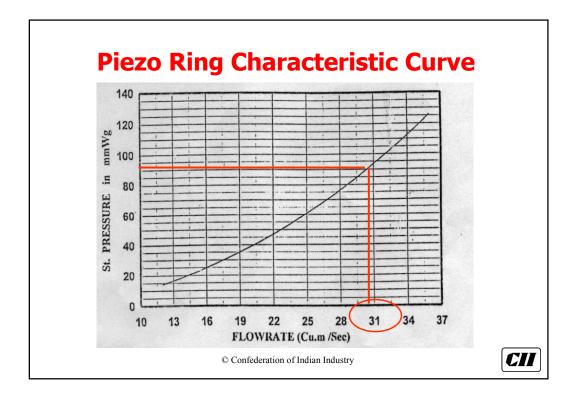


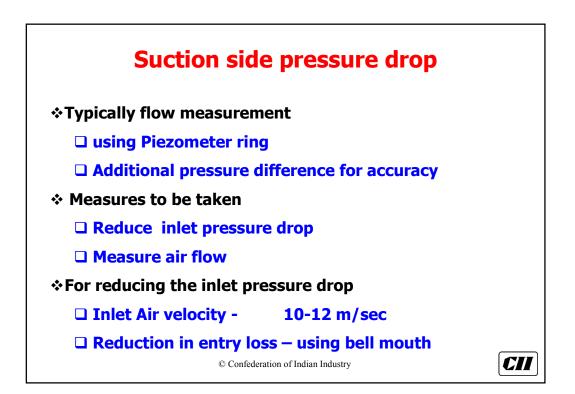


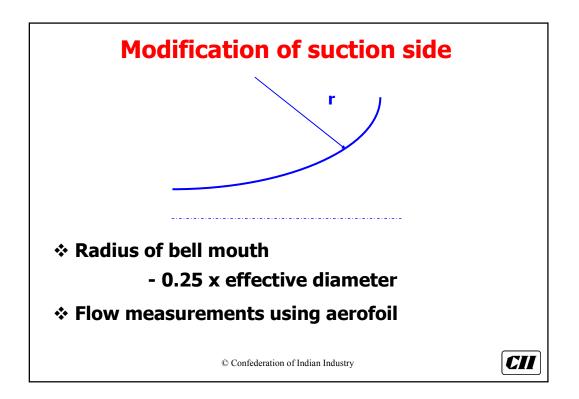


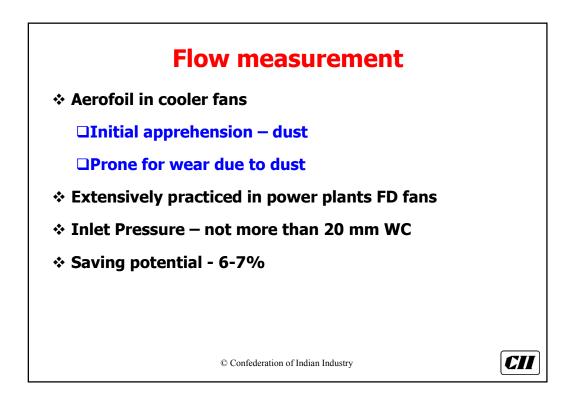


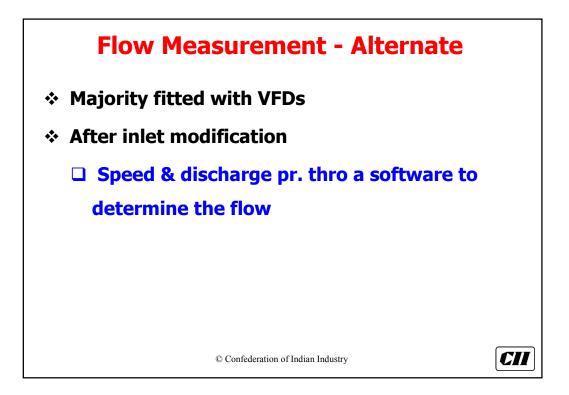


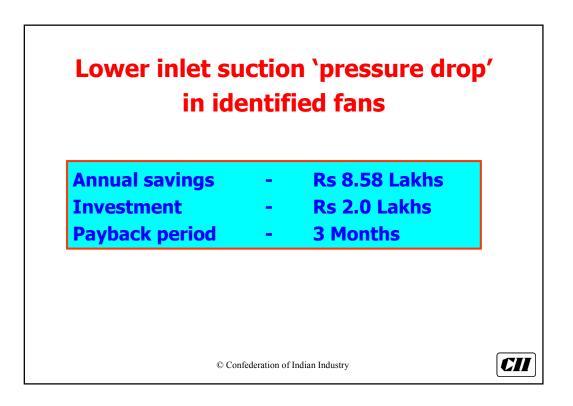


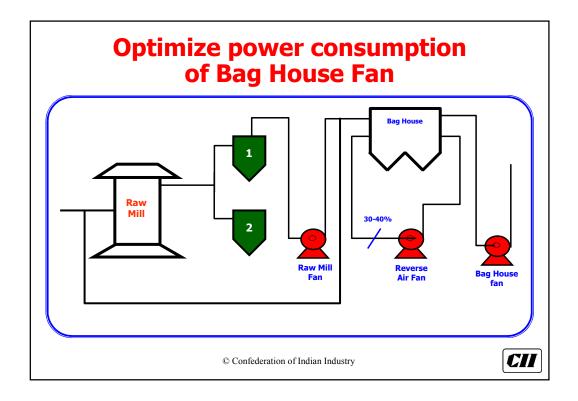


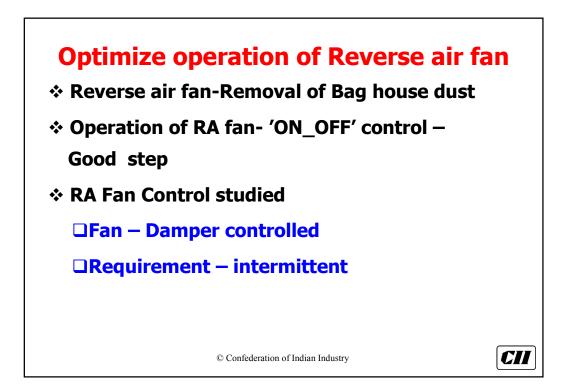


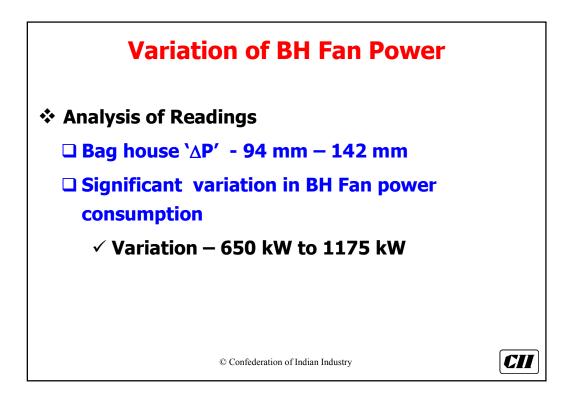


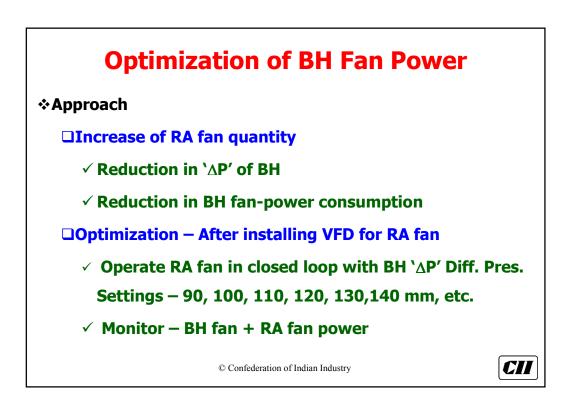


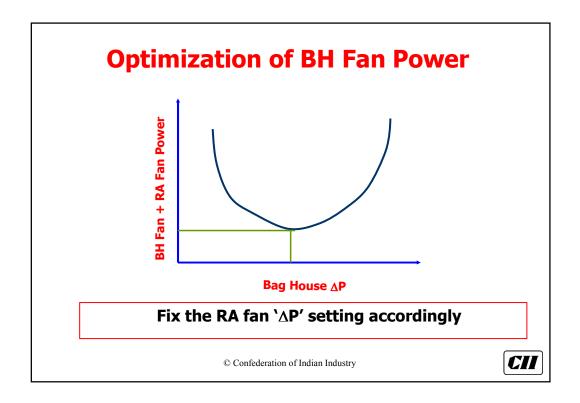


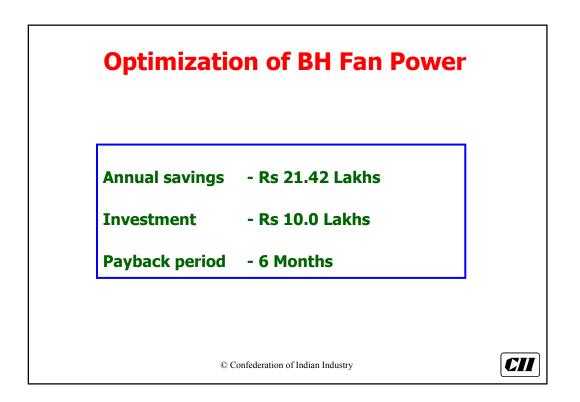


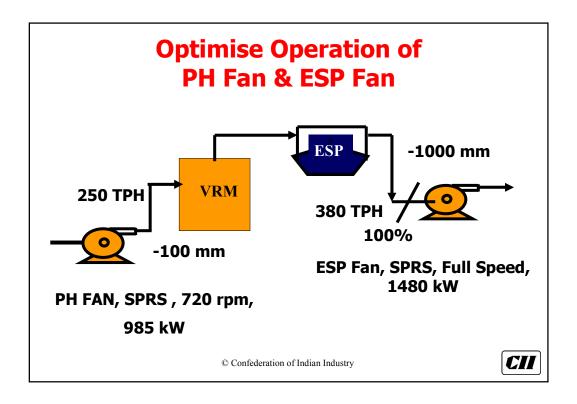


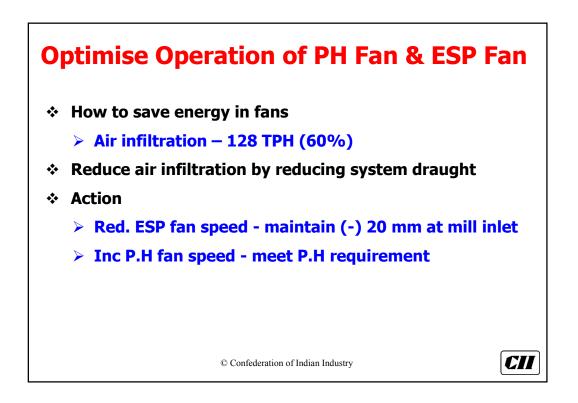




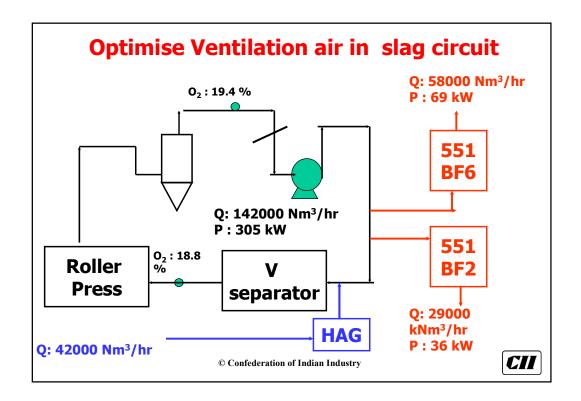


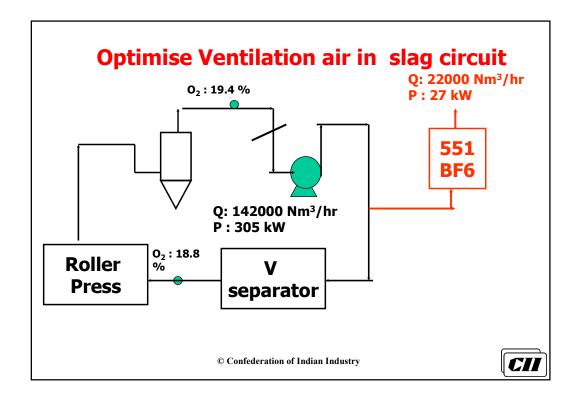


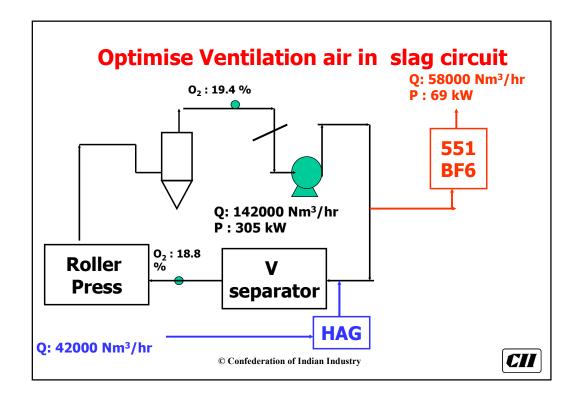


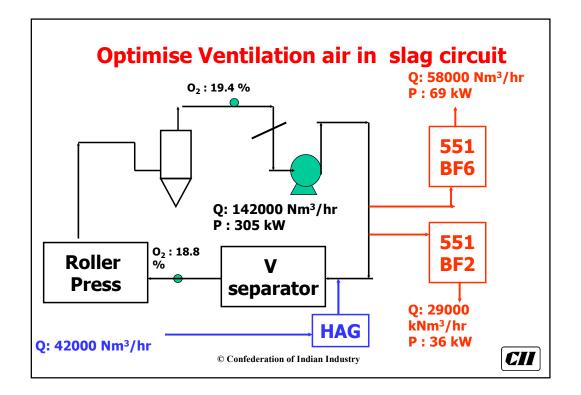


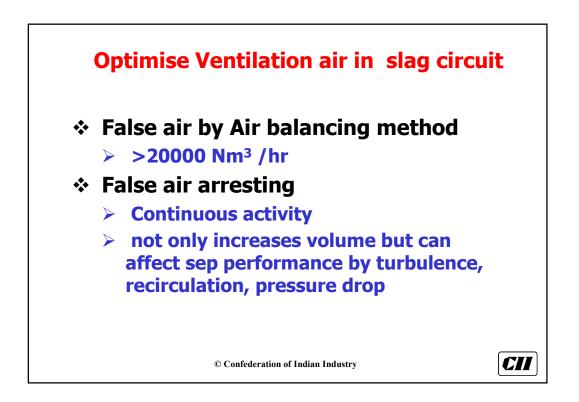
| P.H. Fan ESP. Fan Total |
|-------------------------|
| |
| 985 KW 1480 kW 2465 kW |
| 1140 kW 1220 kW 2360 kW |

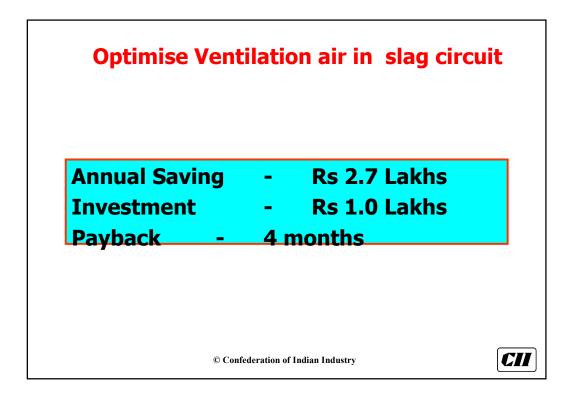


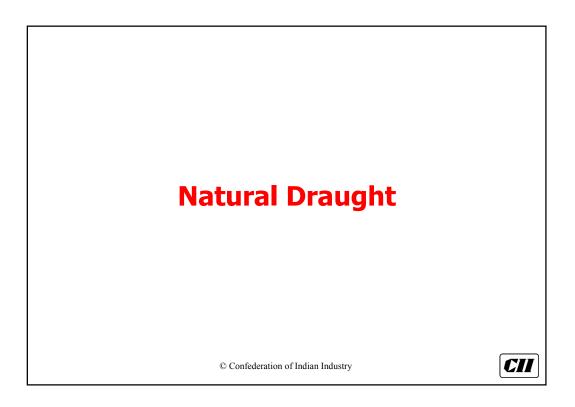


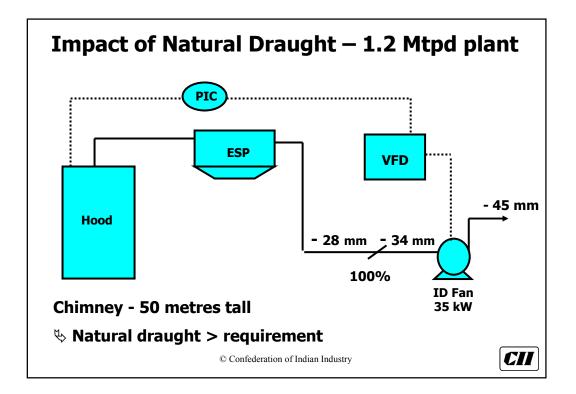


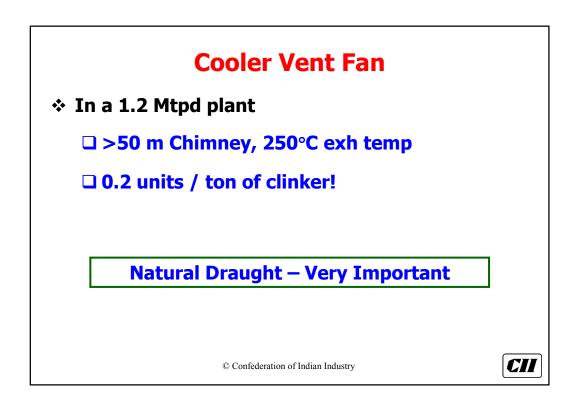


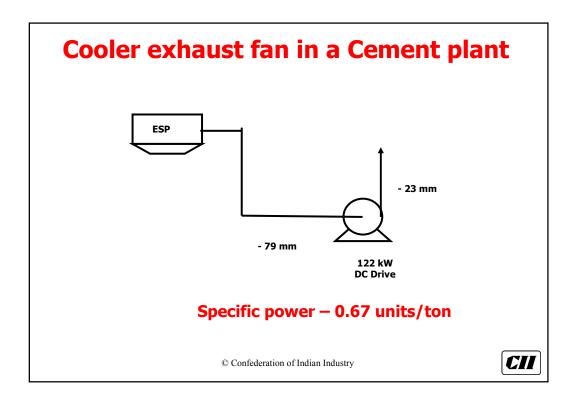


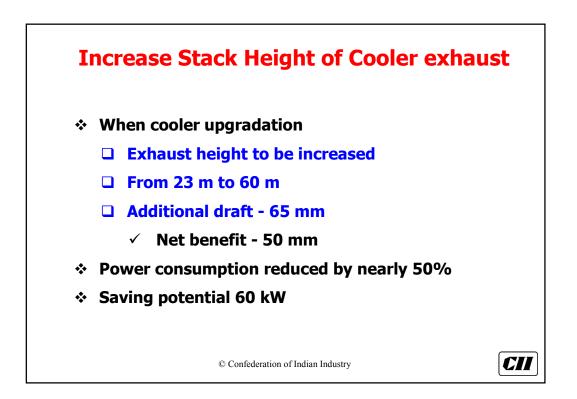






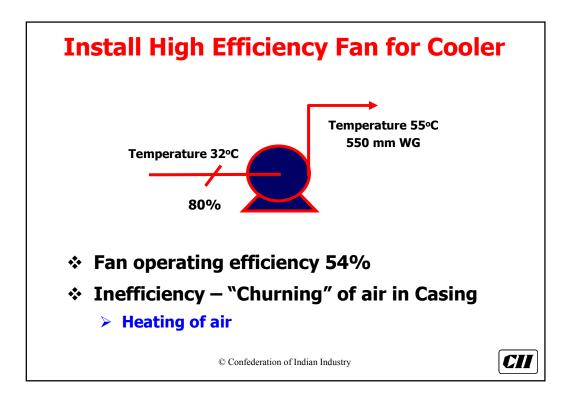


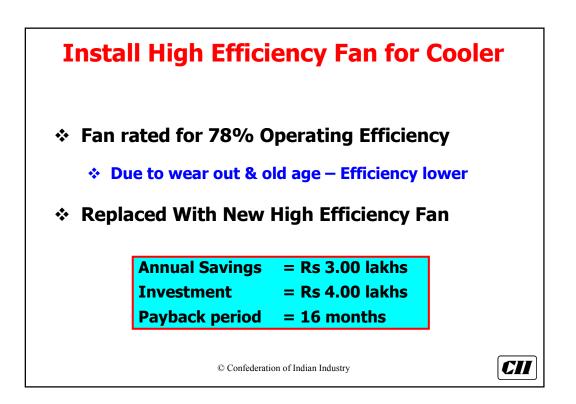


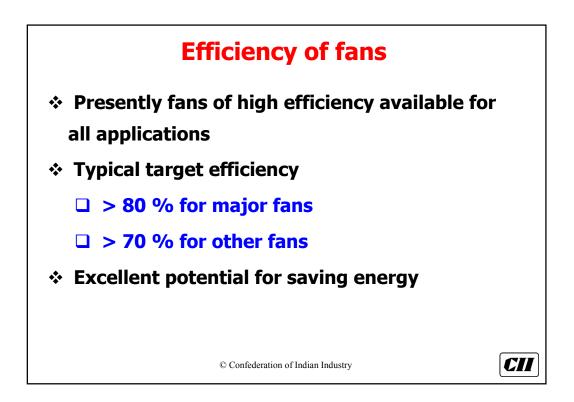


| Increase Stack Height of Cooler Fan | | Cooler Fan |
|--|------------------------------------|------------|
| Height (m) | Power | Savings |
| | | (Rs.Lacs) |
| 23 (Present) | 122 kW | |
| 40 | 105 kW | 3.48 |
| 50 | 90 kW | 6.56 |
| 60 | 60 kW | 12.7 |
| | © Confederation of Indian Industry | |

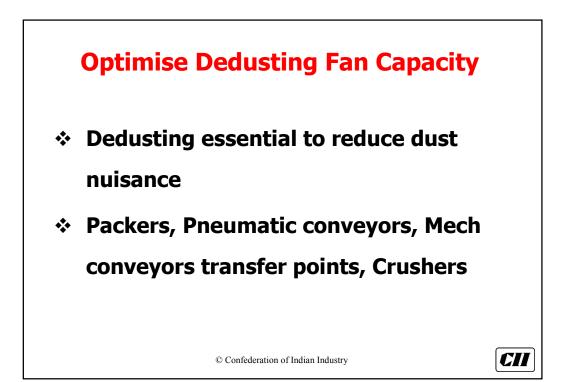












| Equipment | Dedusting Qty |
|---------------------|---|
| Hammer crusher | 100 M ³ /Hr/Ton |
| Bucket Elevators | 1800 M ³ /Hr/M of Bucket Elevator Cross |
| Pneumatic conveyors | Air lift / FK pump + 50% |
| Air Slides | Air supplied + 20% |
| Cement packers | 2000 M ³ /Hr/Spout |
| Bins | 4000 M ³ /Hr/M of bin cross section |

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