

Energy Conservation Measure implemented in 2006-2007

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure		Sector :General			
Year to be filled by BEE	Installation of energy efficient fan with pleated PTFE bags for DRF system		Technology : Dust Removal System			
<p>Description of the energy conservation measure: Two old energy inefficient fans (4000 cfm) driven by 30 H.P motor were replaced by a single new energy efficient fan driven by 40 hp motor (10000 CFM)</p> <p>Installation of PTFE bag filter instead of cloth fabric bag filter. PTFE bag gives higher air to surface area ratio.</p> <p>New design allowed elimination of cyclone for dust extraction hence avoiding additional pressure drop across cyclone.</p>						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
Agency that executed the project (with complete address and email): Sindhu Engineering (nkannan.sec@gmail.com)						
Total investment, Rs 1200000			Year of implementation: 2006-07			
First year energy cost savings, Rs.: 374400						
First year other savings, Rs.:						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before	505440					
Energy consumption after	305760					
Energy tariff, Rs/ kWh	3.7					
Company complete address: Asia tobacco company limited. 35, Rajaji Nagar Hosur - 635126				We authorise Bureau to use this information for dissemination		
Contact person who could be contacted for more information: Mr.Gaurav Panwar				Signature		
				Date		

Note: Please submit this sheet separately for each Energy Conservation Measure implemented in 2006-2007 and a CD containing the above information may be please be enclosed.