



Energy Conservation Measure implemented in 2007-2008


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

ID to be filled by BEE	INSTALLATION OF ENERGY EFFICIENT INDUSTRIAL UPS		Sector: Drugs & Pharmaceutical		
Year to be filled by BEE	Technology				
<u>Description of the energy conservation measure:</u>					
Industrial type UPS installed and commissioned at all moulding plants & Boiler house. This has helped to avoid production loss during power failures and supply changeovers. In addition to this quality of the supply to plant has improved considerably by maintaining better voltage level, frequency, pf etc.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): M/s GE					
Total investment, Rs.: 51 lakhs			Year of implementation: 2007-2008		
First year energy cost savings, Rs.: 5.35 Lakhs					
First year other savings: Rs: 15.00 Lakhs					
On annual basis	kWh (Lakhs)	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	33.6				
Energy consumption after	32.34				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25				
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	

Energy Conservation Measure implemented in 2007-2008
(To be filled up separately for each Energy Conservation Measure)



ID to be filled by BEE	Title of the measure POWER FACTOR IMPROVEMENT	Sector : Drugs & Pharmaceutical			
Year to be filled by BEE	.	Technology			
<u>Description of the energy conservation measure:</u> Installed an additional capacitor bank of 250KVAR at substation to maintain better power factor of 0.99 during the year 2007-08.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 1 Lakhs/-			Year of implementation: 2007-2008		
First year energy cost savings, Rs 2 .77 Lakhs (PF incentive from KSEB)					
First year other savings, Rs.: Nil					
On annual basis	kWh Lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before					
Energy consumption after					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...					
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	

Energy Conservation Measure implemented in 2007-2008
(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure INTRODUCTION OF FRP FAN	Sector : Drugs & Pharmaceutical
Year to be filled by BEE		Technology
<u>Description of the energy conservation measure:</u> Replacement of metallic cooling tower fans with FRP type fans in 4 nos of cooling towers		
Picture/ sketch/ drawing before modification (if available)		
Agency that executed the project (with complete address and email): M/s Encone, Mumbai		
Total investment: Rs 1 lakh	Year of implementation: 2007-2008	
First year energy cost savings: Rs 1.17 Lakhs		
First year other savings, Rs.: Nil		
On annual basis	kWh Lakhs	Coal (Tons)
Energy consumption before	0.672	
Energy consumption after	0.382	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25	
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG:		We authorise Bureau to use this information for dissemination Signature Date

Energy Conservation Measure implemented in 2007-2008

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



ID to be filled by BEE	STEAM HEATED DE-HUMIDIFIER	Sector : Drugs & Pharmaceutical
Year to be filled by BEE		Technology
Description of the energy conservation measure: Replaced two nos of Electric heated Dehumidifier with higher capacity one no of Steam heated dehumidifier.		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
Agency that executed the project (with complete address and email): APPIDI TECHNOLOGIES PVT LIMITED		
Total investment, Rs.: 10.7 Lakhs	Year of implementation: 2007-08	
First year energy cost savings, Rs.: 6.6 lakhs		
First year other savings, Rs.: 5 lakhs due to increase in production		
On annual basis	kWh Lakhs	Coal (Tons)
Energy consumption before	3.36	
Energy consumption after	1.7	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25	
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)		We authorise Bureau to use this information for dissemination Signature Date

Energy Conservation Measure implemented in 2007-08

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


ID to be filled by BEE	STEAM HEATED TUMBLER		Sector : Drugs & Pharmaceutical		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: Installed steam heated tumblers instead of electrically heated tumblers for condom vulcanizing.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Spark Automations, TN					
Total investment, Rs.: 5 Lakhs.			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 4.68 lakhs					
First year other savings, Rs.: Nil					
On annual basis	kWh Lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	2				
Energy consumption after	Nil			16.80	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25				
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	

Energy Conservation Measure implemented in 2007-2008
(To be filled up separately for each Energy Conservation Measure)



ID to be filled by BEE	Title of the measure		Sector : Drugs & Pharmaceutical		
Year to be filled by BEE	CENTRALISED MONITORING SYSTEM WITH VFD FOR MOLDING MACHINES		Technology		
<p><u>Description of the energy conservation measure:</u> Installed VFD with centralized monitoring and control through touch screen in all main drives of moulding machines.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 7.7 Lakhs			Year of implementation: 2007-2008		
First year energy cost savings, Rs.: 4.1 Lakhs					
First year other savings, Rs.: 1 Crore saving due to increase in production.					
On annual basis	kWh lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	3.78				
Energy consumption after	2.68				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25				
<p>Company complete address:</p> <p>HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA</p> <p>Contact person who could be contacted for more information: AGM (ENGG)</p>				<p>We authorise Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date</p>	

Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	Title of the measure	Sector : Drugs & Pharmaceutical			
Year to be filled by BEE	INSTALLATION OF CFL's & ELECTRONIC BALLASTS AT LIGHTING INSTALLATION	Technology			
Description of the energy conservation measure:					
Installed CFLs at administration and canteen areas (around 36 nos.) replacing the conventional fluorescent tubes of 40 W.					
Picture/ sketch/ drawing before modification <small>(if available)</small>			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.08 lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 0.48 lakhs					
First year other savings, Rs.:					
On annual basis	kWh lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	0.16934				
Energy consumption after	0.05443				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25				
Company complete address:				We authorise Bureau to use this information for dissemination	
HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA				Signature	
Contact person who could be contacted for more information: AGM (ENGG)				Date	

Energy Conservation Measure implemented in 2007-2008
(To be filled up separately for each Energy Conservation Measure)


ID to be filled by BEE	Title of the measure INSTALLATION OF CF LAMP FOR STREET LIGHT		Sector : Drugs & Pharmaceutical		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: Replaced 4 Nos. of 250W Sodium vapour lamps by 4 sets of 144W CF Lamp in packing section, electrical section and main gate in the street light area.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.03 lakhs			Year of implementation: 2007-2008		
First year energy cost savings, Rs.: 0.11682 Lakhs					
First year other savings, Rs.: nil					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	0.06022				
Energy consumption after	0.03285				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25				
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5, KERALA				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: AGM (ENGG)				Signature	
				Date	

Energy Conservation Measure implemented in 2007-2008
(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure DERATING OF DUST COLLECTOR MOTOR		Sector : Drugs & Pharmaceutical		
Year to be filled by BEE			Technology		
<u>Description of the energy conservation measure:</u> Derating one dust collector motor at New plant area from 40 HP to 20 HP.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): In plant work					
Total investment, Rs: 0.25 Lakhs			Year of implementation: 2006-07		
First year energy cost savings, Rs: 3.57 Lakhs					
First year other savings, Rs.: Nil					
On annual basis	kWh lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	2.1				
Energy consumption after	1.26				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25				
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG:				We authorise Bureau to use this information for dissemination Signature Date	


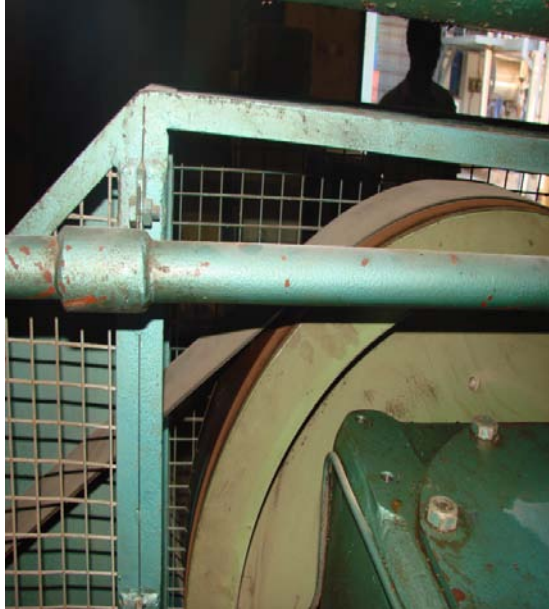
Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	<u>REFRIGERANT TYPE DRIER</u>		Sector : Drugs & Pharmaceutical		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: <u>REFRIGERANT TYPE DRIER</u>					
<ol style="list-style-type: none"> 1. Replacement of silica gel drier with refrigerator type energy efficient air drier in compressors. 2. Quality compressed air out put. 3. Energy efficient operation. 					
Picture/ sketch/ drawing before modification <small>(if available)</small>			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Ingersoll Rand, Bangalore					
Total investment, Rs.: 2.16 lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 0.67 lakhs.					
First year other savings, Rs.: Nil					
On annual basis	kWh Lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	3.15				
Energy consumption after	2.99				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25				
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	



Energy Conservation Measure implemented in 2007-08

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

ID to be filled by BEE	<u>REPLACED V-BELTS WITH FLAT BELTS</u>		Sector : Drugs & Pharmaceutical		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: Replaced 4 Nos of V Belts at ETD AHUs with Flat Belts Replaced 2 Nos of V Belts of mould cooling motors at moulding machines. Replaced 1 No of V Belt of 75 HP compressors with flat Belt.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Habasit ,Coimbatore					
Total investment, Rs.: 0.50 lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 1.5 lakhs					
First year other savings, Rs.: Nil					
On annual basis	kWh lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	4.20				
Energy consumption after	3.85				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL	4.25				
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	



Energy Conservation Measure implemented in 2007-08

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

ID to be filled by BEE	ENERGY EFFICIENT THIN TUBE		Sector : Drugs & Pharmaceutical			
Year to be filled by BEE			Technology			
Description of the energy conservation measure: Replaced 10 nos of ordinary tube with energy efficient T5 tubes.						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):						
Total investment, Rs.: 0.10 lakhs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 0.05 lakhs						
First year other savings, Rs.: Nil						
On annual basis	kWh lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before	0.02226					
Energy consumption after	0.01176					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25					
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5, KERALA				We authorise Bureau to use this information for dissemination		
Contact person who could be contacted for more information: AGM (ENGG)				Signature		
				Date		

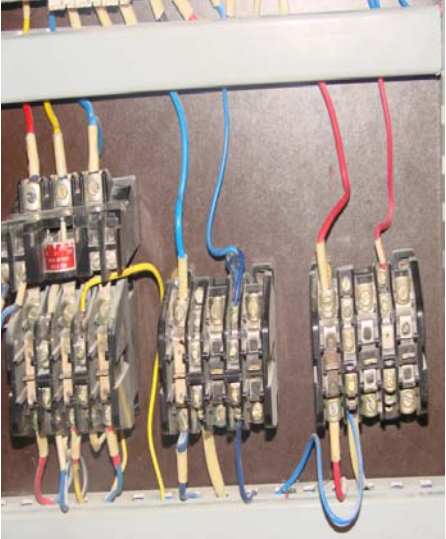

Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	<u>ENERGY EFFICIENT SCREW CHILLER</u>		Sector : Drugs & Pharmaceutical			
Year to be filled by BEE			Technology			
Description of the energy conservation measure: <u>ENERGY EFFICIENT SCREW CHILLER</u> <ol style="list-style-type: none"> 1. Replacement of inefficient reciprocating chiller with energy efficient screw chiller (160TR). 2. Energy efficient operation 3. Replacing existing old and low efficient Chiller 4. Eco friendly refrigerant used (R134 A) 						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email): Blue Star						
Total investment, Rs.: 55 lakhs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 21 lakhs.						
First year other savings, Rs.: Nil						
	On annual basis	kWh lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
	Energy consumption before	11.52				
	Energy consumption after	6.5				
	Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25				
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA					We authorise Bureau to use this information for dissemination Signature Date	
Contact person who could be contacted for more information: AGM (ENGG)						


Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	Title of the measure	Sector: Drugs & Pharmaceutical			
Year to be filled by BEE	INSTALLATION OF SOLID STATE RELAYS IN PLACE OF CONVENTIONAL AIR BREAK CONTACTOR FOR HEATER.	Technology			
<u>Description of the energy conservation measure:</u> Replaced 15 nos. of conventional air break contactor with solid-state relays in the heater circuit of packing machine press jaws.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Supplied by M/s.Promed, Chennai					
Total investment, Rs.: 0.12 lakhs			Year of implementation: 2007-2008		
First year energy cost savings, Rs 0.54 Lakhs					
First year other savings: 10 % breakdown reduced, Sound less, No chattering.					
On annual basis	kWh lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	0.12960				
Energy consumption after	0.00259				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL	4.25				
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG:				We authorise Bureau to use this information for dissemination Signature Date	

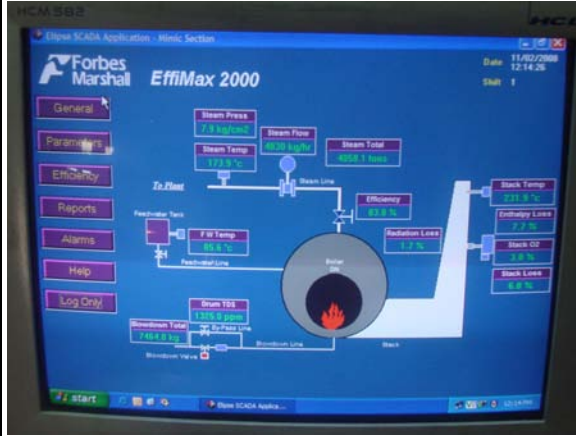
Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	Title of the measure CONDENSATE RECOVERY SYSTEM	Sector : Drugs & Pharmaceutical			
Year to be filled by BEE		Technology			
Description of the energy conservation measure: Installation of condensate recovery system					
<ul style="list-style-type: none"> • Flash vessel, pressure powered pumps etc. The system is introduced to reduce Specific Fuel consumption 					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Forbes Marshall, Pune					
Total investment, Rs.: 90 lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 31.86 lakhs					
First year other savings, Rs.: Nil					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before				3.1476kl/Mpcs	
Energy consumption after				2.931kl /Mpcs	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...				22.17	
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	


Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	<u>ONLINE STACK MONITORING SYSTEM FOR BOILERS</u>	Sector : Drugs & Pharmaceutical
Year to be filled by BEE		Technology
Description of the energy conservation measure: <u>ONLINE STACK MONITORING SYSTEM FOR BOILERS (EFFIMAX 2000)</u>		
<ol style="list-style-type: none"> 1. Installed online monitoring system (Effimax 2000) in Kessel pack boiler. It provides all valid information-efficiency, temperature, steam flow, fuel valid temperature etc, static temperature etc on online through a PC. 2. Every day effective updation, control and monitoring of boiler. 3. Savings in furnace oil by accurate oxygen trimming and stack temperature loss. 		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
Agency that executed the project (with complete address and email):		
Total investment, Rs.: 2.5 Lakhs	Year of implementation: 2007-08	
First year energy cost savings: Nil		
First year other savings, Rs: 2 Lakhs		
On annual basis	kWh 000'	Coal (Tons)
	Gas Nm ³	Oil (kL)
Energy consumption before		
Energy consumption after		9KL Savings (FO)
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...		
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)		We authorise Bureau to use this information for dissemination Signature Date

Energy Conservation Measure implemented in 2007-2008

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

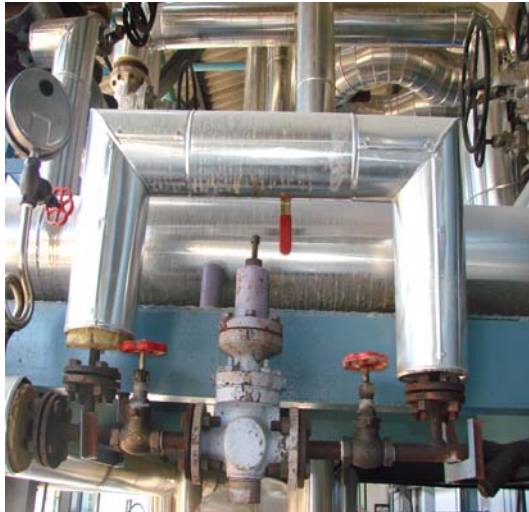
ID to be filled by BEE	<u>AUTOMATIC BLOWDOWN CONTROL SYSTEM</u>		Sector : Drugs & Pharmaceutical			
Year to be filled by BEE			Technology			
Description of the energy conservation measure: <u>AUTOMATIC BLOWDOWN CONTROL SYSTEM FOR BOILER</u> 1. Installation of automatic blow down control system to avoid blow down loss. 2. The system will check the TDS of the boiler water on line and blow down will done automatically as per the specified TDS. 3. Savings in furnace oil is 15.8 KL /year.						
Picture/ sketch/ drawing before modification <small>(if available)</small>			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):						
Total investment, Rs.: 1.5 lakhs			Year of implementation: 2007-08			
First year energy cost savings: Nil						
First year other savings, Rs.: 3.5 lakhs						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before						
Energy consumption after					15.8 KL savings (FO)	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...						
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA				We authorise Bureau to use this information for dissemination		
Contact person who could be contacted for more information: AGM (ENGG)				Signature		
				Date		

Energy Conservation Measure implemented in 2007-2008
(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure		Sector : Drugs & Pharmaceutical		
Year to be filled by BEE	INSTALLATION OF MULTIPASS HEAT EXCHANGER		Technology		
<u>Description of the energy conservation measure:</u>					
Replaced existing heat exchanger with multi pass heat exchanger in moulding machine					
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.60 Lakhs			Year of implementation: 2007-2008		
First year energy cost savings, Rs: 0.17 lakhs					
First year other savings, Rs: Nil					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before				38	
Energy consumption after				37.24	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...				22.17	
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG:				We authorise Bureau to use this information for dissemination Signature Date	



Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	PRESSURE REDUCING VALVES FOR STEAM APPLICATION				Sector : Drugs & Pharmaceutical
Year to be filled by BEE					Technology
Description of the energy conservation measure: Installation of Pressure reducing valves at low temperature areas.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Forbes Marshall, Pune					
Total investment, Rs.: 1 lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs: 1 lakhs					
First year other savings, Rs.: Nil					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before				17.5 KL	
Energy consumption after				13.3 KL	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...				22.17	
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	


Energy Conservation Measure implemented in 2007-08

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

ID to be filled by BEE	INSTALLATION OF ENERGY EFFICIENT DIESEL GENERATORS		Sector : Drugs & Pharmaceutical		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: <ul style="list-style-type: none"> • Installed 500KVA DG sets after replacing existing set. • Achieved saving in diesel consumption • The System is with an Acoustic Enclosure there by reduction in sound level. 					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 40 lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 20lakhs					
First year other savings, Rs.: Nil					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before				4.8	
Energy consumption after				4.27	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...				22.17	
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5, KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	


Energy Conservation Measure implemented in 2007-2008

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

ID to be filled by BEE	<u>TURBO AIR VENTILATOR FAN</u>				Sector : Drugs & Pharmaceutical	
Year to be filled by BEE					Technology	
Description of the energy conservation measure: <u>TURBO AIR VENTILATOR FAN</u> Turbo air ventilator fans installed at moulding and vulcanising roof area. <ol style="list-style-type: none"> 1. A Technology without power or operating cost 2. The system works with the wind energy to induce air flow by centrifugal action. 3. Heat and dust accumulated in any enclosure will be ventilated with the provision for fresh air entry. 4. It also benefits the entry of natural light to the room, saving the usage of artificial lighting during the daytime. 						
Picture/ sketch/ drawing before modification <small>(if available)</small>			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):						
Total investment, Rs.: 7 lakhs			Year of implementation: 2007-08			
First year energy cost savings, Rs.: 4.9 lakhs						
First year other savings, Rs.: nil						
On annual basis	kWh lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before	1.05					
Energy consumption after	Nil					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25					
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date		


Energy Conservation Measure implemented in 2007-08

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

ID to be filled by BEE	Title of the measure INSTALLATION OF SOLAR SIGNALLING SYTEM	Sector : Drugs & Pharmaceutical			
Year to be filled by BEE		Technology			
<u>Description of the energy conservation measure:</u> Replacement of two numbers of traffic signaling system (100 Watts bulb each, operated on KSEB supply on 24 hours cycle) with solar traffic signaling system having 10 Watts LED blinking unit. 100% replacement of normal electrical supply by solar energy for traffic signaling purposes.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Supplied by Anert ,Kerala					
Total investment, Rs.: 0.26 lakhs			Year of implementation: 2007-2008		
First year energy cost savings, Rs.: 0.117 Lakhs					
First year other savings, Rs.: Nil					
On annual basis	kWh Lakhs	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	0.0275				
Energy consumption after	nil				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.25				
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG:				We authorise Bureau to use this information for dissemination Signature Date	

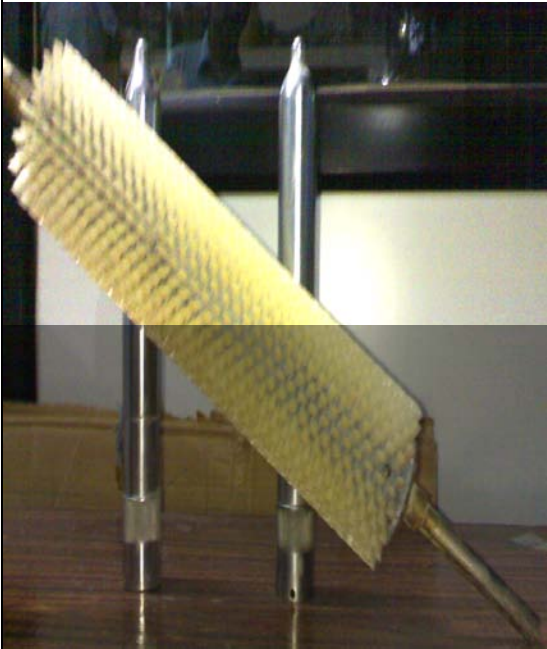

Energy Conservation Measure implemented in 2007-08

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

ID to be filled by BEE	Title of the measure INSTALLATION OF BIOGAS PLANT		Sector: Drugs & Pharmaceutical		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: Installed a biogas plant by using kitchen waste.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 3 lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs.: 1.5 Lakhs					
First year other savings, Rs.: Nil					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before					3192 kg of LPG
Energy consumption after					Nil
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...					Rs 55/Kg
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5,KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	

Energy Conservation Measure implemented in 2007-08

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

ID to be filled by BEE	Title of the measure INSTALLATION OF RUBBER ROLLER UNIT IN ETD MACHINES		Sector : Drugs & Pharmaceutical		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: Designed and installed rubber roller unit instead of nylon brush unit in ETD machines in order to improve rolling					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.81 Lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs.:					
First year other savings, Rs.: 6.05 Lakhs					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before					
Energy consumption after					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...					
Company complete address: HINDUSTAN LATEX LTD PEROORKADA FACTORY THIRUVANATHAPURAM-5, KERALA Contact person who could be contacted for more information: AGM (ENGG)				We authorise Bureau to use this information for dissemination Signature Date	