


**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 No: 1	Sector : Textile Plant ( Spinning Unit )
Year to be filled by BEE	<b>Installation of Waste Heat recovery Boiler at 1.5 M.W. D.G. Exhaust line.</b>	Technology .....
<b>Description of the energy conservation measure: No: 1</b>		
<p>We have installed Waste Heat Recovery Boiler (WHRB) on 1.5 MW D.G set running on Furnace Oil. Due to this WHRB we have been able to conserve power which was used by electrical heaters at various locations, details of which are given here under:</p> <p>1.a : For heating Furnace Oil in 3 nos of storage tanks, electrical heater were used which we have converted into Steam Heating which is produced by WHRB.</p> <p>1. b: For yarn conditioning plant (YCP), electric heating system was used, which was converted into Steam heating system.</p> <p>1.c: Preparatory department of Unit-II, Infra heating Lamps were installed on the machines for maintaining temperature &amp; RH. To achieve required department conditions steam heaters have been installed in humidification plant supply air system and infra heating lamps have been eliminated.</p>		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
New installation		
<b>Agency that executed the project (with complete address and email):</b>		
<b>Supply &amp; Installed by:</b> PAR Techno-heat Pvt Ltd, Natraj Industrial Estate, Vasna- Iyava, Sanad- Viramgam Highway, Tal: Sanand 382 117, Website: www. par boiler.com; email: parboiler@hotmail.com.		
<b>Total investment:</b> Rs.: 34.50 Lacs	<b>Year of implementation:</b> 2007 – 2008	

<b>First year energy cost savings: Rs. 20. 92 Lacs (total of 1.a, 1.b &amp; 1.c)</b>					
<b>First year other savings : Nil</b>					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	3,73,680	N.A.	N.A.	N.A.	N.A.
Energy consumption after	Nil				
Energy tariff: Rs/ kWh	Rs. 5.60				
<b>Company complete address:</b> M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway, Dist: Ahmedabad ( Gujrat ) – 387 810  <b>Contact person who could be contacted for more information:</b>  Shri G.R. BASOTIA (Whole Time Director), Mob. No : 09898005391 Shri R.P. Khator (Chief Engineer), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature:  Date:	

**Yearly saving: Power and cost saving shown in the respective format 1a, 1b, and 1c .**



**Annexure 'B'**

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

ID to be filled by BEE	<b>Title of the measure No: 1(a)</b>		Sector : Textile Plant (Spinning Unit )		
Year to be filled by BEE	Electrical heating in 3 nos F.O. storage tank converted to steam heating system.		Technology .....		
<b>Description of the energy conservation measure: NO: 1 (a)</b>					
1.a : For heating Furnace Oil in 3 nos of storage tanks, electrical heater were used which we have converted into Steam Heating which is produced by WHRB.					
<b>Yearly Power Savings</b> : 24 Kw x 16 hr x 360 = 1,38,240 KWH					
<b>Yearly Money Savings</b> : 1,38,240 x 5.60 : Rs. 7,74,144.0					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
<b>Agency that executed the project (with complete address and email):</b> Xicon International Ltd, 283/287, F wing 2 <sup>nd</sup> Floor, Solaris- I, Sakivihar road, Andheri (E), Mumbai 400072, Email: xicon@bom4.vsnl.net.in					
Total investment: Rs. 3.50 Lacs			Year of implementation: 2007 – 2008		
First year energy cost savings: Rs. 7.74 Lacs					
First year other savings, Rs.: Nil					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	138240	N.A.	N.A.	N.A.	N.A.
Energy consumption after	Nil				
Energy tariff, Rs/ kWh	Rs. 5.60				
<b>Company complete address:</b> M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature:  Date:	


**Annexure 'B'**

**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 <b>No: 1 (b)</b>		Sector : Textile Plant ( Spinning Unit )		
Year to be filled by BEE	Steam Heating at SIEGER YCP.		Technology .....		
Description of the energy conservation measure: NO: 1 (b)					
1.b: For yarn conditioning plant (YCP), electric heating system was used, which was converted into Steam heating system.					
<b>Yearly Power Saving:</b> 90 Kw x 12 hr x 0.5 LF X360 = 194400 KWH					
<b>Yearly Money Saving:</b> 194400 x 5.60 = Rs.1088640.00					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment: <b>Rs. 0. 40 Lacs</b>			Year of implementation: <b>2007 – 2008</b>		
First year energy cost savings: <b>Rs. 10. 88 Lacs</b>					
First year other savings: Nil					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	1,94,400	N.A.	N.A.	N.A.	N.A.
Energy consumption after	Nil				
Energy tariff, Rs/ kWh	Rs. 5.60				
<b>Company complete address:</b> M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature:  Date:	


**Annexure 'B'**

**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 No: 1( c )	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Prep. Dept. heating by Steam Heaters.	Technology .....			
<p>Description of the energy conservation measure: NO: 1 ( c )  Steam Heaters are installed in the Humidification Plant of Carding and Preparatory department for increasing department temperature. With this arrangement we are able to eliminate Infra Heating Lamps of 250 Watt from the machines.</p> <p><b>Yearly Power Savings</b> : 38 x 0.25 kw x 24 hr x 180 days = 41040 KWH</p> <p><b>Yearly Money Savings</b> : 41040 x 5.60 = Rs. 229824</p>					
Picture/ sketch/ drawing before modification (if available)			<b>Picture/ sketch/ drawing after modification</b>		
NEW INSTALLED.					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: 1,20,000.00			Year of implementation: 2007 – 2008		
First year energy cost savings, Rs.: 2,29,824.00					
First year other savings, Rs. -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	41040	N.A.	N.A.	N.A.	N.A.
Energy consumption after	Nil				
Energy tariff, Rs/ kWh	Rs. 5.60				
<b>Company complete address:</b> M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature:  Date:	

**Annexure 'B'**

**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 No: 2 (a)		Sector : Textile Plant ( Spinning Unit )		
Year to be filled by BEE	Complete stoppage of H – Plant Fans in Unit II Dept – blow room		Technology .....		
<b>Description of the energy conservation measure: NO: 2(a)</b>					
Blow room department Humidification Plant Supply Air & Return Air fans which were running continuously were stopped without compromising the product quality, indoor air quality, manpower working, etc. Waste collection centrifugal fan, cyclone and compactors are kept running.					
<b>Yearly Power Savings : 17.5 x24 x 360 = 151200 KWH</b>					
<b>Yearly Money Savings : 151200 x 5.60 = Rs. 84,6720</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil.			Year of implementation: 2007 – 2008		
First year energy cost savings, Rs.: 8,46,720.00					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	151200	N.A.	N.A.	N.A.	N.A.
Energy consumption after	Nil				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka On Dholka – Bagodara highway, Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorise Bureau to use this information for dissemination	
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### Annexure 'B'

**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 No: 2( b )		Sector : Textile Plant ( Spinning Unit )		
Year to be filled by BEE	Prep. Dept. H – Plant one S.A Fan stopped out of the 3 nos in Unit – II.		Technology .....		
<b>Description of the energy conservation measure: NO: ( b )</b>					
In Preparation H – Plant we have stopped one S.A. Fan out of the 3 nos and maintaining required R.H % without effecting working. Fan mouth is blocked by G.I sheet cover to avoid short circulating of air flow.					
<b>Yearly Power Savings : 9.3 x 23 x360 = 77004 KWH</b>					
<b>Yearly Money Savings : 77004 x 5.60 = 431222.00</b>					
Picture/ sketch/ drawing before modification(if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil			Year of implementation: 2007 – 2008		
First year energy cost savings, Rs.: 4.31.222.00					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	77004.00	N.A.	N.A.	N.A.	N.A.
Energy consumption after	Nil				
Energy tariff, Rs/ kWh	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director), Mob. No: 09898005391 Shri R.P. Khator (Chief Engineer ), Mob. No: 09979113846				We authorise Bureau to use this information for dissemination  Signature  Date	



**Annexure 'B'**

**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 No: 2( c )	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Ring frame dept. H- Plant one S.A Fan stopped, out of the 4 nos in Unit – II,	Technology .....			
<b>Description of the energy conservation measure: NO: 2 (C)</b> In Ring Frame department H –Plant, we have stopped one S.A. Fan out of the 4 nos. Department R.H conditions are maintained as per the requirement without affecting working. Fan mouth is blocked by G. I. sheet cover to avoid short circulation of the flow. <b>Yearly Power Savings : 13.5 x 24 x 360 = 116640 Kwh</b> <b>Yearly Money Savings : 116640 x 5.60 = Rs.653184.00</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil.			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 6,53,184.00</b>					
First year other savings: Rs.					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	116640.0	N.A.	N.A.	N.A.	N.A.
Energy consumption after	Nil				
Energy tariff, Rs/ kWh	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera; Tal: Dholka; On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810  Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorise Bureau to use this information for dissemination  Signature  Date	



**Annexure 'B'**

**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 No: 2(d )		Sector : Textile Plant ( Spinning Unit )		
Year to be filled by BEE	A/Coner dept. H- Plant one S.A Fan stopped, out of the 2 nos in Unit – II,		Technology .....		
<b>Description of the energy conservation measure: NO: 2 (d)</b>					
In Auto coner department H –Plant, we have stopped one Supply Air Fan out of the 2 nos maintaining RH conditions as per the requirement without affecting working. Fan mouth is blocked by G. I. sheet cover to avoid short circulation of the flow.					
<b>Yearly Power Savings</b> : 7.9 x 24 x 360 = 68256 Kwh					
<b>Yearly Money Savings</b> : 68256 x 5.6 = Rs. 382234.0					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil.			Year of implementation: 2007 – 2008		
First year energy cost savings: Rs. 3,82,233.60					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	68256.00	N.A.	N.A.	N.A.	N.A.
Energy consumption after	Nil				
Energy tariff, Rs/ kWh	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature  Date	



**Annexure 'B'**

**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 No: 3( a ) Reduction of fan blade angle by 3 degree for S.A and R.A fans of Prep. Dept. in Unit -II.	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	-II.	Technology .....			
<b>Description of the energy conservation measure: NO: 3 ( a )</b>					
After successful results of (Title of the) measures 2 (a, b, c & d) we have gone for the reduction in fan blade angle and arrived 3 degree reduction level without any disturbance in the production. Hence fan blade angle reduced for 2 nos S.A and 2 nos R.A fans to balance the air level in the Prep. dept. Of Unit – II.					
<b>Yearly Power saving of :</b> S.A. Fans : 8.87 kw x 23 Hr x 360 days = 73444 Kwh R.A Fans : 13.70 Kw x 23 Hr x 360 days = 113436 Kwh					
<b>Yearly Money saving</b> : 73444 x 5.60 + 113436 x 5.60 = Rs. 10,46,528.00					
<b>Picture/ sketch/ drawing before modification (if available)</b>			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil.			Year of implementation: 2007 – 2008		
<b>First year energy cost savings:</b> Rs. 10,46,528.00					
First year other savings, Rs.: -					
On annual basis	KWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	400669	N.A.	N.A.	N.A.	N.A.
Energy consumption after	213789				
Energy tariff, Rs/ kWh	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera; Tal: Dholka; On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature  Date	



**Annexure 'B'**

**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 No: 3( b )	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Reduction of fan blade angle by 3 degree for S.A and R.A fans of R/Frame Dept. in Unit –II.	Technology .....			
<p><b>Description of the energy conservation measure: NO: 3 ( b )</b>  After successful results of (Title of the) measures 2 (a, b, c &amp; d) we have gone for the reduction in fan blade angle and arrived 3 degree reduction level without any disturbance in the production. Hence fan blade angle reduced for 3 nos S.A and 3 nos R.A fans to balance the air level in the R/Fr. Dept. of Unit – II.</p> <p><b>Yearly Power saving of :</b> S.A. Fans 21.12 kw x 23 Hr x 360 days = 182477 Kwh  R.A Fans 25.07 K.w x 23 Hr x 360 days = 216605 Kwh</p> <p><b>Yearly Money saving :</b> 182477 x 5.60 + 216605 x 5.60 = Rs. 22,34,859.00</p>					
<b>Picture/ sketch/ drawing before modification (if available)</b>			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil.			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 22,34,859.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	841536	N.A.	N.A.	N.A.	N.A.
Energy consumption after	442456				
Energy tariff, Rs/ kWh	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature  Date	



**Annexure 'B'**

**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 No: 3(c )	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Reduction of fan blade angle by 3 degree for R.A fan of Auoconer Dept. in Unit – II.	Technology .....			
<b>Description of the energy conservation measure: NO: 3 ( c )</b>					
<p>After successful results of (Title of the) measures 2 ( a, b, c &amp; d ) we have gone for the reduction in fan blade angle and arrived 3 degree reduction level without any disturbance in the production. Hence fan blade angle reduced for 1 no R.A fan and balance the air level in the Autoconer department of Unit – II.</p> <p><b>Yearly Power saving of</b> : R.A. Fan 3.20 kw x 24 Hr x 360 days = 27648 Kwh  <b>Yearly Money saving</b> : 27648 x 5.60 = Rs. 1,54,829.00</p>					
Picture/ sketch/ drawing before modification (if available)			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil.			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 1,54,829.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	149472	N.A.	N.A.	N.A.	N.A.
Energy consumption after	121824				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera Tal: Dholka On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA ( Whole Time Director ) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ) , Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature  Date	


**Annexure 'B'**

**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 No: 4(a)	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Reduction of fan blade angle by 3 degree for S.A. and R.A fans of Prep. Dept. H –Plant in Unit –I.	Technology .....			
<b>Description of the energy conservation measure: NO: 4 (a)</b>					
After making few attempts, we have arrived finally for a reduction of fan blade angle by 3 degree of 4 nos S.A. and 2 nos R.A. Fans in the Humidification Plant of Preparatory department of Unit – I.					
<b>Yearly Power saving of :</b> S.A. Fans 19.10 kw x 23 Hr x 360 days= 158148 Kwh R.A. Fans 6.15 Kw x 23 Hr x 360 days = 50922 Kwh					
<b>Yearly Money saving</b> : 158148 x 5.60 + 50922 x 5.60 = Rs. 11,70,792					
<b>Picture/ sketch/ drawing before modification</b> (if available)			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil.			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 11,70,792.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	654203	N.A.	N.A.	N.A.	N.A.
Energy consumption after	445133				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera Tal: Dholka On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature  Date	



**Annexure 'B'**

**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 No: 4(b )		Sector : Textile Plant ( Spinning Unit )		
Year to be filled by BEE	Reduction of fan blade angle by 3 degree for S.A. and R.A fans of R/Frame Dept. H –Plant in Unit –I.		Technology .....		
<b>Description of the energy conservation measure: NO: 4 (b)</b> After making few attempts, we have arrived finally for a reduction of fan blade angle by 3 degree of 5 nos S.A. and 2 nos R.A. Fans in the Humidification Plant of Ring frame department of Unit – I. <b>Yearly Power saving of :</b> S.A. Fans 15.02 kw x 24 Hr x 360 days = 129773 Kwh R.A. Fans 14.30 Kw x 24 Hr x 360 days = 123552 Kwh <b>Yearly Money saving of :</b> 129773 x 5.60 + 123552 x 5.60 ) = Rs. 14,18,620.00					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil.			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 14,18,620.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	1205539	N.A.	N.A.	N.A.	N.A.
Energy consumption after	952214				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810				We authorize Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				Signature	
				Date	



**Annexure 'B'**

**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 No: 4( c )	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Reduction of fan blade angle by 3 degree of Wdg. Plant R.A fan and stopping S.A. Fan & Pump. in Unit – I.	Technology .....			
<b>Description of the energy conservation measure: NO: 4 ( c )</b>					
Out of the two plants for Autoconer department, one S.A . Fan and one Pump is stopped and also blade angle is reduced for one no. R.A. Fan in the Humidification Plant of Unit – I.					
<b>Yearly Power saving of</b> : Power 27.82 kw x 24 Hr x 360 days = 240365 Kwh					
<b>Yearly Money saving of</b> : 240365 x 5.60 = Rs. 13,46,043.0					
<b>Picture/ sketch/ drawing before modification</b> (if available)			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil.			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 13,46,043.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	334541	N.A.	N.A.	N.A.	N.A.
Energy consumption after	94176				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	Rs. 5.60				
...					
Company complete address: M/s. Kanco Overseas Village: Walthera; Tal: Dholka; On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination	
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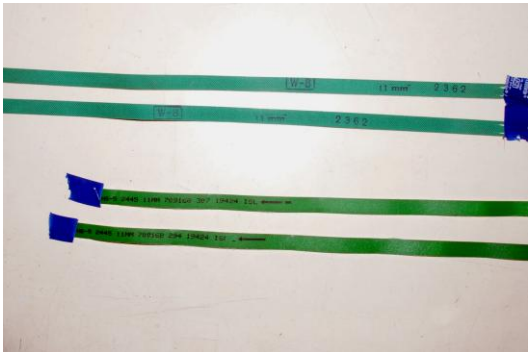

### Annexure 'B'

**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 No: 5	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Replacement of Ordinary 'V – Belts' by Cogged 'V – Belts' at various machine pulley.	Technology .....			
<b>Description of the energy conservation measure: NO: 5</b>					
We have replaced Ordinary 'V – Belts' by Cogged 'V – Belts' at various machine pulleys in both the Units and obtained Power saving also friction losses reduced.					
<b>Yearly Power saving of</b> : On 20 nos V – Belt drive m/cs = 385 x 360 days = 138600 Kwh					
<b>Yearly Money saving of</b> : 138600 x 5.60 = Rs. 7,76,160.00					
<b>Picture/ sketch/ drawing before modification</b> (if available)			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: 10,000.00			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 7,76,160.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	1635480	N.A.	N.A.	N.A.	N.A.
Energy consumption after	1496880				
Energy tariff, Rs/ kWh	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature  Date	


**Annexure 'B'**

**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 No: 6	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Replacement of Normal Spindle Tape by W – 8 HABASIT Switzerland tapes.	Technology .....			
<b>Description of the energy conservation measure: NO: 6</b>					
At KTTM R/Frame 09 machines we have replaced normal spindle tapes by Energy Efficient W -8 HABASIT Switzerland tapes and achieved power saving. On the other hand friction losses reduced and average spindle speed increased due to better grip, which is additional gain for productivity.					
<b>Power consumption before</b> : 32.23 KW.					
<b>Power consumption after</b> : 31.70 KW					
<b>Yearly Power Saving</b> : 32.23 – 31.70 X23 Hrs x 360 days x 9 m/cs = 39528 KWH					
<b>Yearly Money Saving</b> : 39528 x 5.60 = Rs. 2,21,357.00					
<b>Picture/ sketch/ drawing before modification (if available)</b>			<b>Picture/ sketch/ drawing after modification</b>		
					
<b>Agency that executed the project (with complete address and email):</b> Habasit lakoka Pvt Ltd. Unit II, SF Plot No 52/3, 52/4, Anoor Road, Aresur Post, Coimbatore – 641407. email: habasit.lakoka@habasit.com					
Total investment, Rs.: 254232			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 2,21,357.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (KI)	Other
Energy consumption before	2401812	N.A.	N.A.	N.A.	N.A.
Energy consumption after	2362284				
Energy tariff, Rs/ kWh	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature  Date	


**Annexure 'B'**

**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 No: 7	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Replacement of 30 – 35 grams Bobbins ( cops) by 28 grams.	Technology .....			
<b>Description of the energy conservation measure: NO: 7</b>					
At 40's Count 09 nos Ring Frame machines we have used light weight bobbins (Cops) and obtained power saving. <b>Yearly Power Savings</b> : 2.5 KW x 12 doff x 9 m/cs x 360 days = 97200 Kwh <b>Yearly Money Savings</b> : 97200 x 5.60 = Rs. 5,44,320.00					
<b>Picture/ sketch/ drawing before modification (if available)</b>			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: 2,47,104.00			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 5,44,320.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	1482888	N.A.	N.A.	N.A.	N.A.
Energy consumption after	1385688				
Energy tariff, Rs/ kWh	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature  Date	



### Annexure 'B'

**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 No: 8	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Optimization of OHTC on 09 nos 40's Count Ring frame m/cs.	Technology .....			
<b>Description of the energy conservation measure: NO: 8</b>					
At 40's Count 09 nos Ring Frame machines we have increased parking time of ELGI OHTC (Over head traveling cleaner) to save power. In this process OHTC runs for 42 minutes and stops for 18 minutes and so on.					
<b>Yearly Power Saving:</b> 16 KW x 9 m/cs x 360 days = 51840 Kwh					
<b>Yearly Money Saving:</b> 51840 x 5.60 = Rs. 2,90,304.0					
<b>Picture/ sketch/ drawing before modification</b> (if available)			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: Nil			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 2,90,304.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	178848	N.A.	N.A.	N.A.	N.A.
Energy consumption after	127008				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	Rs. 5.60				
...					
Company complete address: M/s. Kanco Overseas Village: Walthera; Tal: Dholka ; On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination	
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**Annexure 'B'**

**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 No: 9	Sector : Textile Plant ( Spinning Unit )			
Year to be filled by BEE	Power Capacitors addition and Replacement to raise P.F from 0.92 to 0.995	Technology .....			
<b>Description of the energy conservation measure: NO: 9</b>					
We have measures to improve power Factor from 0.92 to 0.995 by replacing low value capacitors and adding new capacitors where ever required. In this process system losses are reduced as well as MDI too.					
<b>Power losses before capacitor replacement</b> : 189369 KWH.					
<b>Power losses after replacement</b> : 165249 KWH					
<b>Yearly Power Savings</b> : 189369 – 165249 KWH : 24120 Kwh					
<b>Yearly Money Savings: 51840 x 5.60</b> : Rs. 1,35,072.00					
<b>Picture/ sketch/ drawing before modification (if available)</b>			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Make: "Momaya Capacitors" & Self executed.					
Total investment, Rs.: 300000.00			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 1,35,072.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	189369	N.A.	N.A.	N.A.	N.A.
Energy consumption after	165249				
Energy tariff, Rs/ kWh	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination  Signature  Date	

**Annexure 'B'**

**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 No: 10		Sector : Textile Plant ( Spinning Unit )		
Year to be filled by BEE	Low value 3.5 x 300 Sq. mm cable replacement at Panel P -6.		Technology .....		
<b>Description of the energy conservation measure: NO: 10</b>					
At Panel no: P -6 of Ring Frame department out of 02 cables, insulation value of one cable was low @ 500 Ohms. Thus one run cable size 3.5 core x 300 Sq. mm was replaced and cable loss eliminated.					
<b>Yearly Cable losses before</b> : 22987 KWH. <b>Yearly cable losses after</b> : 14347 KWH <b>Yearly Power Savings</b> : 22987 – 14347 KWH = 8640 Kwh <b>Yearly Money Savings</b> : 8640 x 5.60 = Rs. 48,384.00					
<b>Picture/ sketch/ drawing before modification</b> (if available)			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Self executed.					
Total investment, Rs.: 1,40,000.00l			Year of implementation: 2007 – 2008		
<b>First year energy cost savings, Rs.: 48,384.00</b>					
First year other savings, Rs.: -					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (Kl)	Other
Energy consumption before	22987	N.A.	N.A.	N.A.	N.A.
Energy consumption after	12347				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	Rs. 5.60				
Company complete address: M/s. Kanco Overseas Village: Walthera, Tal: Dholka, On Dholka – Bagodara highway Dist: Ahmedabad ( Gujrat ) – 387 810 Contact person who could be contacted for more information: Shri G.R. BASOTIA (Whole Time Director) , Mob. No: 09898005391 Shri R.P. Khator ( Chief Engineer ), Mob. No: 09979113846				We authorize Bureau to use this information for dissemination	
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20:

(1) **Unit Profile:**

**M/S KANCO OVERSEAS**  
**PROP : KANCO ENTERPRISES LTD.**