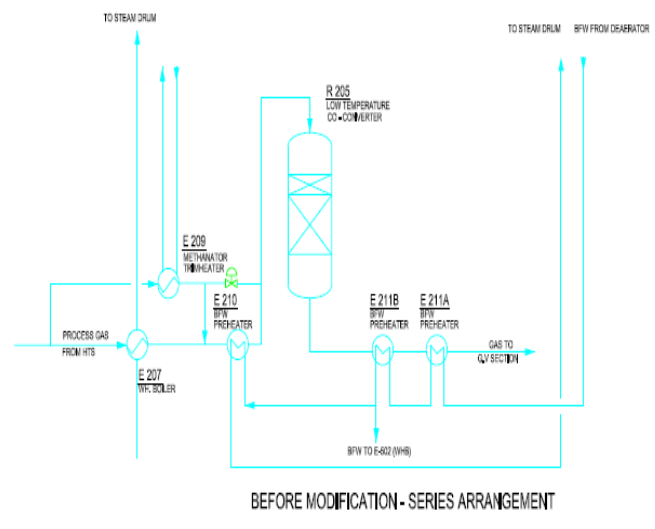
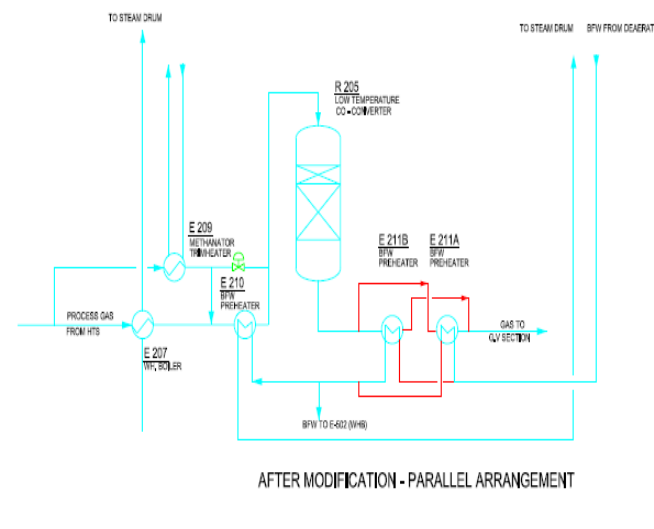


## ENERGY CONSERVATION MEASURE Implemented in 2006-07

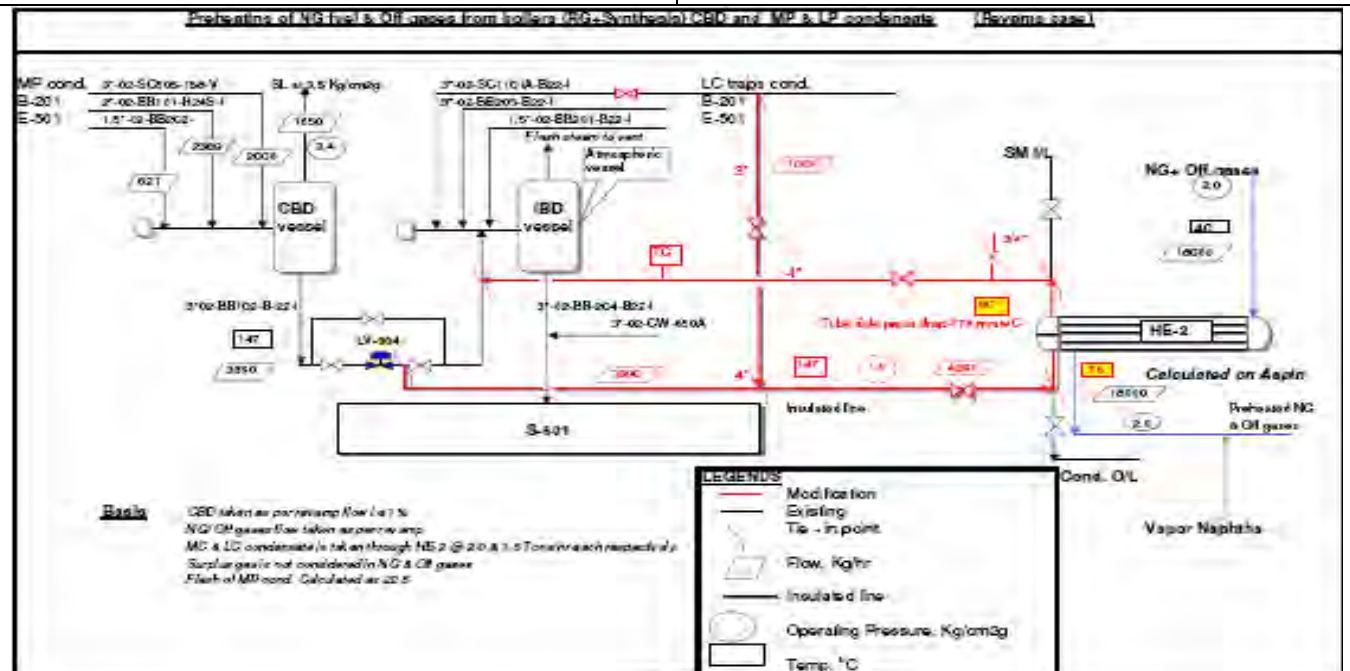
ID to be filled by BEE	Title of the measure	Sector			
Year to be filled by BEE		Technology			
Description of the energy conservation measure:					
<p><b>Installation of Parallel line from Methanator to Synthesis gas compressor suction &amp; Re- configuration of Low temperature shift converter Effluent BFW exchanger from series to parallel operation.</b></p>					
Picture / Sketch / Drawing before modification			Picture / Sketch / Drawing after modification		
 <p style="text-align: center;">BEFORE MODIFICATION - SERIES ARRANGEMENT</p>			 <p style="text-align: center;">AFTER MODIFICATION - PARALLEL ARRANGEMENT</p>		
Agency that executed the project (With complete address and email ): In-house					
Total investment, Rs.: 94.38 Lakhs			Year of completion : 2006-07		
First year energy cost savings(anticipated), Rs.: 16.6 Lakhs					
First year other savings, Rs.:					
On annual basis	KWH 000'	Coal (Tons)	Gas Sm <sup>3</sup>	Oil (KL)	Other
Energy saved			267000		
Energy consumed after					
Energy tariff, Rs. / KWH/ Ton / Nm <sup>3</sup> /KL			5.978 Rs./Sm <sup>3</sup>		
Company complete address: <b>Chambal Fertilisers and Chemicals Ltd.</b> P.O Gadepan - 325208, District KOTA, Rajasthan				We authorize Bureau to use this information for dissemination	
Contact Person who could be contacted for more information: <b>Mr. R. Chaba - Manager (Process)</b> Chambal Fertilisers and Chemicals Ltd.				Signature Date	

## ENERGY CONSERVATION MEASURE Implemented in 2006-07

ID to be filled by BEE	Title of the measure	Sector
Year to be filled by BEE		Technology

Description of the energy conservation measure:  
 Low grade heat recovery from CBD of Reformed Gas Boiler & Back end Boiler to heat the fuel to Primary Reformer

Picture / Sketch / Drawing before modification      Picture / Sketch / Drawing after modification



Agency that executed the project (With complete address and email) : In-house

Total investment, Rs. : 3.60 Lakhs      Year of completion : 2006-07

First year energy cost savings(anticipated), Rs.: 17.6 Lakhs

First year other savings, Rs.:

On annual basis	KWH 000'	Coal (Tons)	Gas Sm <sup>3</sup>	Oil (KL)	Other
Energy saved			294000		
Energy consumed after					
Energy tariff, Rs. / KWH/ Ton / Nm <sup>3</sup> /KL			5.978 Rs./Sm <sup>3</sup>		

Company complete address: <p style="text-align: center;">Chambal Fertilisers and Chemicals Ltd.                  P.O Gadepan - 325208, District KOTA, Rajasthan</p> Contact Person who could be contacted for more information: <p style="text-align: center;">Mr. R. Chaba - Manager (Process)                  Chambal Fertilisers and Chemicals Ltd.</p>	We authorize Bureau to use this information for dissemination    Signature Date
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## ENERGY CONSERVATION MEASURE Implemented in 2006-07

ID to be filled by BEE	Title of the measure		Sector		
Year to be filled by BEE			Technology		
Description of the energy conservation measure:  Energy saving by stopping the Urea process condensate transfer pump					
Picture / Sketch / Drawing before modification			Picture / Sketch / Drawing after modification		
Agency that executed the project (With complete address and email ) : In-house					
Total investment, Rs. : 0			Year of completion : 2006-07		
First year energy cost savings(anticipated), Rs.: 1.90 Lakhs					
First year other savings,Rs.:					
On annual basis	KWH 000'	Coal (Tons)	Gas Sm <sup>3</sup>	Oil (KL)	Other
Energy saved	91.10				
Energy consumed after					
Energy tariff, Rs. / KWH/ Ton / Nm <sup>3</sup> /KL	Rs. 2.1 / KWH				
Company complete address: <b>Chambal Fertilisers and Chemicals Ltd.</b> P.O Gadepan - 325208, District KOTA, Rajasthan				We authorize Bureau to use this information for dissemination	
Contact Person who could be contacted for more information: <b>Mr. R. Chaba - Manager (Process)</b> Chambal Fertilisers and Chemicals Ltd.				Signature Date	

## ENERGY CONSERVATION MEASURE Implemented in 2006-07

ID to be filled by BEE	Title of the measure		Sector		
Year to be filled by BEE			Technology		
Description of the energy conservation measure:  Energy savings in Urea Cooling Tower pump P-808A/B by decreasing the clearance between casing & impeller from 1.0~1.5 mm to 0.72~0.8 mm.					
Picture / Sketch / Drawing before modification			Picture / Sketch / Drawing after modification		
Agency that executed the project (With complete address and email) : In-house					
Total investment, Rs. : 7.5 Lakhs			Year of completion : 2006-07		
First year energy cost savings(anticipated), Rs.: 9.0 Lakhs					
First year other savings, Rs.:					
On annual basis	KWH 000'	Coal (Tons)	Gas Sm <sup>3</sup>	Oil (KL)	Other
Energy saved	428				
Energy consumed after					
Energy tariff, Rs. / KWH/ Ton / Nm <sup>3</sup> /KL	Rs. 2.1 / KWH				
Company complete address: <b>Chambal Fertilisers and Chemicals Ltd.</b> P.O Gadepan - 325208, District KOTA, Rajasthan				We authorize Bureau to use this information for dissemination	
Contact Person who could be contacted for more information: <b>Mr. R. Chaba - Manager (Process)</b> Chambal Fertilisers and Chemicals Ltd.					
				Signature	
				Date	

## ENERGY CONSERVATION MEASURE Implemented in 2006-07

ID to be filled by BEE	Title of the measure		Sector		
Year to be filled by BEE			Technology		
Description of the energy conservation measure:  Replacement of reflection filters with bag type filters at suction housing of air compressor in Ammonia-I to save pressure drop & running cost of reflection motor.					
Picture / Sketch / Drawing before modification			Picture / Sketch / Drawing after modification		
Agency that executed the project (With complete address and email ) : In-house					
Total investment, Rs. : 0.24 Lakhs			Year of completion : 2006-07		
First year energy cost savings(anticipated), Rs.: 3.46 Lakhs					
First year other savings,Rs.:					
On annual basis	KWH 000'	Coal (Tons)	Gas Sm <sup>3</sup>	Oil (KL)	Other
Energy saved	59		37000		
Energy consumed after					
Energy tariff, Rs. / KWH/ Ton / Nm <sup>3</sup> /KL	Rs. 2.1 / KWH		5.978 Rs./Sm <sup>3</sup>		
Company complete address: Chambal Fertilisers and Chemicals Ltd. P.O Gadepan - 325208, District KOTA, Rajasthan				We authorize Bureau to use this information for dissemination   Signature Date	
Contact Person who could be contacted for more information: Mr. R. Chaba - Manager (Process) Chambal Fertilisers and Chemicals Ltd.					