

Unit Profile-Unit is situated at Fertilizernagar. (Near Chhani) Dist Vadodara producing

- (i) Ammonia,Urea,DAP/APS,Melamine,Caprolactam,Nylon-6,SA,PA,MEK-O
- (ii) Energy Consumption

Include information on total energy consumption (i.e. coal, oil, gas, electricity and money value). Information on energy consumption in terms of percentage of manufacturing cost should also be presented. Also, it should highlight the specific energy consumption for the period 2005-2006, 2006-2007 & 2007-2008 Good Computer Graphic Presentation related to Specific Energy Consumption may also be incorporated-- **Graphic presentation Attached.**

- (iii) Energy Conservation Commitment, Policy and Organizational Set up  
(Please include a photo copy of unit's Energy Conservation Policy, if decided) We have energy cell headed by GM (D&TS, Inst. & PU), who is designated energy manager. Team member comprises of representatives from various disciplines.
- (iv) Energy Conservation Achievements

Include one paragraph write-up on each major energy conservation project implemented during the year 2006-2007 only.

- (v) **Energy Conservation Plans and Targets - Implementation of recommendation of steam trap audit, energy audit of motors having 11 KV to 75 KW rating. Installation of solar cooking sytem in factory canteen. Replacement of conventional tubelights with energy efficient fittings. Installation of bio-methanation plant for canteen waste and installtion of palletization plant for tree leaves for use as fuel, plantation of Jetropha for bio diese,Installation of 10MW Wind Mill,Replacement ofNG based IG plant by PSA based plant etc**
- (vi) Environment and Safety

(A sample write up is attached at Annexure `C' for ready reference).