

**Annexure – 8**

**JAYPEE HIMACHAL CEMENT PLANT- BAGA (ARKI) SOLAN, HP(A UNIT OF JAIPARKASH ASSOCIATES LTD.)**

**STATUS OF 'CHARTER ON CORPORATE RESPONSIBILITIES FOR ENVIRONMENT PROTECTION (CREP)'**

<b>S. No.</b>	<b>CREP action points</b>	<b>Status of compliance</b>
1.	Cement Plants, which are not complying *with notified standards, shall do the following to meet the standards : <ul style="list-style-type: none"><li>• Augmentation of existing Air Pollution Control Devices – by July,2003.</li><li>• Replacement of existing Air Pollution Control Devices – by July, 2004</li></ul>	We are already complying with the notified standards and achieving the standards below 50 mg / Nm <sup>3</sup> .
2.	Cement Plants located in critically polluted or urban areas (including 5 Km distance outside urban boundary) will meet 100 mg / Nm <sup>3</sup> limit of particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg / Nm <sup>3</sup>	Though our plant is not situated in the urban area, yet we are maintaining the emission of particulate matter below 50 mg / Nm <sup>3</sup> .
3.	The new cement kilns to be accorded NOC / Environmental Clearance w.e.f. 1.4.2003 will meet the limit of 50 mg / NM <sup>3</sup> for particulate matter emissions.	We are maintaining the emission of particulate matter below 50 mg / Nm <sup>3</sup> .
4.	CPCB will evolve load based standards by December 2003.	NA
5.	CPCB and NCBM will evolve SO <sub>2</sub> and NO <sub>x</sub> emission standards by June 2004.	NA
6.	The Cement industries will control fugitive emissions from all the raw material and products storage and	For crushed limestone and coal, closed pipe conveyor of sufficient capacity has been provided and all transfer points

	transfer points by December 2003. However, the feasibility for the control of fugitive emission from limestone and coal storage areas will be decided by the National Task Force (NTF). The NTF shall submit its recommendations within three months.	have been provided with bag filters. Clinker is being stored in closed RCC Silo and to avoid fugitive emissions water sprinklers has been deployed at job for limestone / coal stockpiles and vulnerable areas.
7.	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum coke as fuel in cement kiln by July 2003.	NA
8.	After performance evaluation of various types of continuous monitoring equipment and feedback from the industries and equipment manufacturers, NTF will decide feasible unit operations / sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring systems (CMS) by December 2003.	We have already installed the online continuous stack emission monitoring equipments (Opacity Meters) at all the major stacks.
9.	Trippings in Kiln ESP to be minimized by July 2003 as per the recommendation of NTF.	It's a new unit. The plant has been designed on state of the art technology and provided with the latest design of ESPs with minimum tripping.
10.	Industries will submit the target date to enhance the utilization of waste material by April 2003.	Raw meal/Clinker dust is recycled in the process after proper collection through Bag house/ bag filters.
11.	NCBM will carry out a study on hazardous waste utilization in cement kiln by December 2003.	NA
12.	Cement industries will carry out feasibility study and submit target dates to CPCB for co-generation of power by July 2003.	The plant is operating on energy efficient six stage pre-heater technology. Sufficient sensible heat for co-generation of power is not available in the unit.