

<b>Bentonite-Sulphur-Pastilles</b>		
<b>F No. J-11011/481/2007-IA II (I)</b>		<b>Dated : 5<sup>th</sup> Dec, 2007.</b>
<b>Bentonite-Sulphur-Pastilles 50,000 TPA</b>		
	<b>SPECIFIC CONDITIONS</b>	<b>Compliance Status</b>
i	Adequate chimney height, hoods, exhaust fans, exhaust ducts and scrubbers shall be provided to control emissions from boiler & DG set as per standards/norms. The molten Sulphur tank and mixing tank shall be provided with vents connected to filters to absorb the Sulphur and shall be neutralized by using clay to control particulate matter less than 50 mg/Nm <sup>3</sup> or standards prescribed by the MPCB whichever are more stringent. Periodic monitoring of vents shall be carried out and reports submitted to Ministry's regional office at Bhopal/MPCB/CPCB.	a) Not applicable as neither Boiler nor DG Set are installed at K-7. b) The molten Sulphur tank vent is connected to Carbon / Multi Grade Filter & Blower is provided to Mixing Tank. c) Periodic monitoring of particulate matter is carried out by third party once in a month & results are less than 2
ii	High level vents and fume extraction system shall be provided to molten Sulphur tank and mixing tank to control fugitive emissions.	Vents are provided.
iii	Total water requirement from MIDC supply and effluent generation shall not exceed 31 m <sup>3</sup> /day and 7.5 m <sup>3</sup> /day respectively. No ground water shall be used. Permission for the drawl of 31 m <sup>3</sup> /day shall be obtained from the concerned Department. All the effluent containing minor doses of phosphates, biocides, Sulphur dust & Bentonite clay shall be properly treated and clear liquid shall be sent to CETP at Taloja for further treatment. Project authorities shall ensure valid "Membership" to CETP. Domestic effluent shall be treated in septic tank followed by soak pit.	a) The water consumption is well within the limits specified by MPCB. Effluent is treated suitably & disposed to CETP, Taloja. Membership Certificate from CETP is also obtained. Third party analysis report is also obtained periodically. b) Septic tank & soak pit are provided.
iv	As reflected in EIA/EMP report, 90% of the solid waste shall be recycled back in to the process & remaining shall be sold as fertilizer to authorized customers. No solid or hazardous waste shall be disposed off. The used oil shall be sold to registered recyclers only.	a) Solid/Hazardous waste is recycled back into process as per the requirement. Remaining Solid waste is stored properly for sale to authorized customers. b) The used oil will be sold to registered recyclers
v	As proposed, green belt of adequate width & density shall be developed in 1.175 acres out of total 4.7 acres (25%) area to mitigate the effects of fugitive emissions all around the plants as per the Central Pollution Control Board guidelines	Partly complied in K7 and partly proposed in the adjacent plot K6.
	<b>GENERAL CONDITIONS</b>	
i	Adherence to the stipulation made by the MPCB	All the stipulations are complied.

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ii	No further expansion or modification in the plant should be carried out without prior approval of this ministry. In case of deviation in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required if any.	Noted
iii	The gaseous emissions (SO <sub>2</sub> and NO <sub>x</sub> ) and particulate matter from various process units shall conform to the standards prescribed by authorities from time to time. At no time the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	Gaseous emissions are monitored periodically by third party and results are well within the stipulated standards. Data is not submitted to ministry's Regional Office. Setting up of Ambient air quality monitoring station is being initiated
iv	Ambient air quality monitoring stations shall be set up in the down wind direction as well as where maximum ground level concentration of SPM are anticipated in the consultation with the SPCB. Regular ambient air quality monitoring including RSPM shall be carried out and data submitted to Ministry's regional office at Bhopal/MPCB/CDCP.	Ambient air quality monitoring is carried out by third party at various locations once in a month considering the down wind direction at the time of sampling.
v	The overall noise levels in and around the plant are shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures, etc. On all the sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the EPA Rules, 1989 viz. 75 dBA (day time) and 70dBA (night time).	Ambient noise levels are indigenously checked and results are well within the norms.
vi	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	Health Register (Form 7) is maintained and periodical medical check up is carried out.
vii	The project authorities shall provide adequate funds for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forest as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	The manufacturing facility is covered under the Public Liability Insurance (PLI) Policy under which premium for Environment Relief Fund (ERF) is paid to the Insurance Company.
viii	The project authorities must strictly comply with the rules & regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management & Handling) Rules, 2003 (amended). Authorization from MPCB shall be obtained for collection/treatment/storage/disposal of hazardous waste.	Consent to operate for the facility is obtained which is valid up to 31/08/2016, under which Authorization for storage Hazardous waste is also obtained.

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ix	The stipulated conditions shall be monitored by the Regional Office of the Ministry at Bhopal / MPCB. A six monthly compliance status report shall be submitted to them regularly.	Data is available and submitted to MOEF Bhopal.
x	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the letter are available with the MPCB / Committee and may also be seen at website of the Ministry of Environment & Forest at <a href="http://envfor.nic.in/">http:// envfor.nic.in/</a> . This shall be advertised with in seven days from date of issue of the clearance letter at least in two local news papers that are widely circulated in the region of which one shall be in the vernacular language of the locality concern and the copy of the same shall be forwarded to the regional	Complied