

IPA

<b>IPA</b>		
<b>F No. J-11011/218/2004-IA II (I)dtd 24th Feb 2006</b>		<b>Dated : 11th Sept 2012</b>
<b>To manufacturing of IPA 70000 MT/A</b>		
	<b>SPECIFIC CONDITIONS</b>	<b>Compliance Status</b>
i	The gaseous emissions (SO <sub>2</sub> , Nox, NH <sub>3</sub> & Hcl) and particulate matter from various process units shall confirm to the standards prescribed by authority. At no time the emissions shall exceed the prescribed limits. Stack height shall be as per CPCB guidelines. In the event of failure of any pollution control system adopted by the unit, The unit shall be put out of operation until the desired efficiency has been achieved.	Emissions are within prescribed standards. Stacks are numbered & heights are as per CPCB guidelines & monitored regularly.
ii	Setting of ambient air quality monitoring stations in consultation with SPCB and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.	Three numbers of online Ambient air monitoring stations are installed & in operation as per NAAQMS norms
iii	Fugitive emissions in the work zone environment, product and raw material storage area shall be regularly monitored. The emissions shall confirm to the limits imposed by SPCB / CPCB	It is being monitored regularly and confirmed within SPCB/CPCB norms.
iv	Total water requirement should not exceed 2800 m <sup>3</sup> /day as per permission accorded by MIDC. Further efforts shall be made for further conservation of water and utilization of waste water.	It is monitored & maintained within consented quantity.
v	The effluent generation shall not exceed 667 m <sup>3</sup> /day. All the effluent shall be treated in the ETP and shall be monitored for the pH, SS, TDS, O & G, BOD, COD, Phosphates & ammonical Nitrogen & other relevant parameters. All the treated effluent shall be sent to CETP at Taloja for further treatment. The domestic effluent shall be treated in the existing Sewage Treatment Plant.	It is monitored & maintained within consented quantity.
vi	The company shall undertake following Waste Minimization measures * Metering and control of quantities of active ingredients to minimize waste * Reuse of by-product from the process as raw materials or as substitutes in other products. * Use of automated filling to minimise spillage * Use of close feed system into batch reactor * Venting equipment through vapour recovery system * Use of high pressure hoses for equipment cleaning to reduce	Noted & followed.
vii	The Solid Waste generated in the form ETP Sludge shall be stored in HDPE lined secured landfill at the site. Spent catalyst and used oil shall be sold to authorized re processor	Noted & followed.
viii	The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in October, 1994 and January, 2000 and Hazardous Waste (Management and Handling) Rules, 2003 as amended time to time. Authorisation from the SPCB shall be obtained for collection, treatment, storage and disposal of hazardous wastes.	Noted & followed.
ix	Company shall develop surface/roof top rain water harvesting structures to harvest runoff water for recharge of ground water.	Ground water level is high, hence not feasible. Scheme is prepared for Roof rain water to cooling towers

x	Development of green belt area (25%) of the plant area to mitigate the effects of fugitive emission all around the plant. Development of the green belt shall be as per CPCB guidelines.	33 % of available open land is under green cover.
xii	Occupational health surveillance of the workers shall be carried out on regular basis and records shall be maintained as per the Factories Act.	Occupational health surveillance is carried out at every six monthly for all employees including contract labor
<b>GENERAL CONDITIONS</b>		
i	Adherence to the stipulation made by the MPCB	Noted & followed.
ii	At no time the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, The unit shall be put out of operation until the desired efficiency has been achieved.	Noted & followed.
iii	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, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed.	Noted & followed.
iv	The overall noise levels in and around the plant area shall be kept within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Ambient air noise levels are monitored regularly and found all the noise levels are less than 70 dBA.
v	The project proponent shall also comply with all the environmental protection measures and safeguards proposed in the EIA/EMP report.	Noted & followed.
vi	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Noted & followed.
vii	The project authorities shall earmark adequate funds 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.	Noted & followed.
viii	The Company shall undertake welfare measures and community development measures for the local people in the in the vicinity of project area.	CSR activities are done through Ishanya foundation trust for rural development, women empowerment, Health & education.
ix	The implementation of the project vis-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry / SPCB / CPCB six monthly compliance status report shall be submitted to monitoring agencies.	Noted & followed.
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 SPCB / Committee and may also be seen at website of the Ministry 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 atleast 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 ministry.	Noted & followed.
xi	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of project.	Noted & followed.