

PROJECT CODE: UTK-1-1-2004

NAME OF THE PROJECT: ETHANOL PLANT CAPACITY-425 KL/DAY BY M/s INDIA GLYCOLS LTD.

CLEARANCE LETTER NO:J-11011/219/2003-IA.II DATED 24.06.2004

PERIOD OF COMPLIANCE REPORT: JANUARY, 2009 TO JUNE, 2009

SPECIFIC CONDITIONS:

CONDITION No	COMPLIANCE STATUS
1)	Alcohol production from molasses-109.60 KLPD Alcohol production from cane juice-89.22 KLPD Details of Month wise production & working days are enclosed as Annexure-III a
2)	NA
3)	Effluent generation- 1140 m ³ /day Utilization in RO- 24.8 % Utilization in Evaporator- 4.6 % Utilization in CLAP- 5.4 % Utilization in Bio composting- 65.2 % Details as per Annexure-III b
4)	There are total eight number stacks Boiler No. 1 &2 (height 45 m), Boiler No. 3 (height 45 m), Boiler No. 4 (height 68 m), Boiler No. 5 (height 80 m),DG No 1&2 (height 26 m), DG no. 3 (height 45 m) DG No. 4 (height 45 m) Stack monitoring is done on monthly basis in-house by EMC (Annexure-III c)and once in a year by IIT Roorke (Annexure-III c) Total 3 sampling points are selected to monitor the effluent quality, 1- before treatment at distillery, 2- after primary treatment, 3- after secondary treatment. The quality is monitored daily in-house by EMC (Annexure- III d) and once in a year by IIT Roorke (Annexure- III d).

5)	See clarification of Sr.No.1
6)	NA. See clarification of Sr.No.3
7)	Zero discharge achieved.
8)	14 acre land is available for process,5 acre land for pressmud storage & 2 acre land for product storage. Quality of manure is as per CPCB norms.(Annexure-III e)
9)	Company has started controlled land application in farmer's field as per protocol once in a year. Till date (Dec 08-June 09) 2852.5 acre land has been irrigated. Details as per (Annexure-III f
10)	The soil & ground water quality is being monitored regularly .The report are being submitted regularly.(Annexure-III g
11)	The distillery will be operated as per the direction.
12)	In the event of non-availability/less availability of pressmud for biocomposting , the company shall ensure zero discharge by adopting any of the suggested methods.
13)	2 Nos MUR converted into SMAT & 1 No MUR into Thermophilic.
14)	Green belt development is in progress. More than 75000 plants have been planted so far in existing land, covering an area of 16 ha at site and 10.0 ha at Dabhora storage lagoon land. In the coming season more than 5000 plants will be planted.The species planted are as per directions of local DFO. No fugitive emissions from the plant.(Annexure-III h)
15)	Occupational health surveillance programme is under practice.
16)	A Sub-Committee comprising Sh.R.K.Garg,Dr.P.L.Ahujarai,Sh.B.P.Shukla & Sh.Purshotam Sakhare visited the site on 26-27 May 06 to ensure that all systems,as stipulated to achieve zero discharge,are in place.

GENERAL CONDITIONS:

CONDITION No	COMPLIANCE STATUS
1)	IGL is strictly following the stipulations made by UEPPCB. Air/Water consent for Ethanol & MEG plant for the year 2009-10 has been granted by UEPPCB,Dehradun. .(Annexure-II)
2)	No further expansion will be carried out with out prior approval of MOEF
3)	Five Ambient Air Quality Monitoring Stations are set up in consultation with the State Pollution Control Board. Quality is monitored monthly by EMC (Annexure-III i) Out of five two are fixed and three are floating. .
4)	See clarification of specific conditions No. 4 Locations approved by SPCB. (Annexure-III m)
5)	All the measures have been implemented to keep noise levels in and around factory premises within the permissible norms. Noise monitoring is done on yearly basis by EMC/ F&S. .(Annexure-III j)
6)	All the environmental protection measures and safeguards recommended in the EIA Report have been implemented. .(Annexure- III k)
7)	Separate environmental Management Cell is already working . .(Annexure-III L)
8)	So far 70.20 Crore spent as capital expenditure to implement the stipulated conditions. In addition recurring funds are allocated every year to meet the requirement of running plant effectively. Wherever funds required, are easily available .Details as per (Annexure-I a)
9)	Last Site inspection was carried out in October 08. Regular compliance status report is being submitted to RO, MOEF during their site inspections.
10)	NA
11)	NA