





Corporate Responsibility for Environmental Protection (CREP) - Pesticides Industry

S. No.	CREP Condition	Compliance Status
1.	Segregation waste streams	Waste streams have been
	Waste streams should be segregated into COD waste,	segregated into high COD waste,
	toxic waste, low OCD waste, inorganic waste etc, for	toxic waste and low COD waste.
2 19	the purpose of providing appropriate treatment-	
н о х	Implementation June 2003 and action plan to be	-
2	submitted to SPCB immediately.	
2.	Detoxification and treatment of high COD waste	High COD wastes are being
	streams	incinerated and toxic effluents are
÷	Streams should be detoxified and treated in CTP or	separately treated before entry
1 A. S.	thermally destroyed in incinerator, as per CPCB	ETP. Process and flow diagram for
	guidelines. The waste streams should be treated suitably	detoxification is attached.
	before taking to evaporation ponds.	
9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Implementation by June 2004 and action plan to be	
	submitted to SPCB by June 2003.	
3.	Improvement in solvent recovery	We are having improved solvent
in ,	a) Solvent recovery should be improved and attempts be	recovery system and getting 94-
	made to achieve atleast 90% recovery wherever	96% solvent recovery. The flow
	possible- Implementation by Dec. 2003 and action plan	diagram and photograph for
	to be submitted to SPCB by June 2003.	solvent recovery system is
	b) Rest of the solvents which can not be recovered shall	attached.
2	be incinerated.	
4.	Hazardous air pollutant control	Industry is having efficient
	(a) For air pollution control from processes, scrubber	scrubber system and incinerator.
	efficiency will be improved and maintained as per the	The details of specifications,
< 8 8 1	best practicable technology for control of HCI, CI.	schematic diagram and
	Methyl Chloride, Phosphorus pentoxide, Ammonia,	photographs of incinerator are
1. 1.	H2S and volatile organic carbons (VOCs)-	attached.
	Implementation by December 2003 and action plan to	
	be submitted to SPCB by June 2003.	
	(b) An incinerator will be installed, where necessary –	
s ² e i e	Implementation by December 2004 and action plan to	
	be submitted to SPCB by June 2003.	
5.	Control of fugitive emissions/ VOCs	we are having preventive
	For control of fugitive emissions (particularly) for	maintenance program to control
* . * . * . * .	nazardous air pollutions). The industries will adopt	fugitive emissions. All reactions
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Standard engineering practices.	are taken in close reactor and all
	System of leak detection and repair (LDAR)	hazardous chemicals are
5	programme especially for solvents, should be developed	transferred pneumatically to avoid

For INSECTICIDES INDIA LTD.

Authorised Signatory

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	industries-	fugitive emission. To control
	Implementation by March- 2004 and action plan to be	VOC, all the reactors are having
	submitted to SPCB by June 2003.	vents which are centrally
		connected to the scrubber system.
6.	Un-gradation of incinerators	We have modified our incinerator
ана на селото на село На селото на	Incinerators will be upgraded to meet CPCB norms	to adjust the retention time of
<i>k</i>	hazardous waste incinerators. This is necessary for	primary and secondary chambers
2	Halogenated compound and POPs	and maintain the temperature
. a ar		criteria for proper distraction of
2 8 C 3 W	– Implementation target will be decided on the basis of	toxic waste and effluent. Now we
	action plan submitted by individual industries by June	are maintain temperature range
	2003.	$850\pm25^{\circ}C$ for primary chamber
		and 1150 to 1200°C for secondary
		chamber.
7.	Replacement of Bio Assay test by toxicity Factor	We shall implement the toxic
	The present bio-assay test will be replaced by Toxicity	factor test as soon as the CPCB
	Factor test method developed by CPCB. Toxicity factor	will develop the method.
	of four (TF-4) will be achieved by December 2003 and	At present we are using fish as bio
	industries will improve their system to achieve TF-2 by,	indicator in the final effluent
	July 2006. TF test method will be implemented by	treatment pond.
	SPCBs/CPCB/ MoEF- Submission of action plan by	
а. 	June 2003. The Central Pollution Board will organize	
80 19	work – shops on "Toxicity Factor" for industry.	
8.	Minimum scale of production to afford cost of	Industry is manufacturing high
	pollution load	cost products with less volume of
* ¹¹ * **	To be decided, as industries view point is that this can	wastes
2 1. 5. a V 4.	not be done as few products are costly and made in	
2 3 m 3 m	small volume. The matter will be studied in detail by	
	MoEF/ CPCB.	
9.	Non- complying Units (as identified by SPCB)	The industry is complying with the
	should meet the notified standards by December	notified standards as suggested by
	2003- Bank guarantee to be submitted to SPCB by	CPCB and SPCB from time to
	Non- complying units by June 2003.	time.
	The submissions from pesticides industry regarding	
	speedy clearance and other will be considered by	
9 g	MoEF/ CPCB for examination.	

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