

Minutes of the 448th Meeting of SEIAA dated. 21.06.2017

The 448th meeting of the State Level Environment Impact Assessment Authority was convened on 21.06.2017 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Waseem Akhtar, Chairman, SEIAA. The following members attended the meeting:-

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| 1 | Shri H.S. Verma | Member |
| 2. | Shri Anupam Rajan | Member Secretary |

A. Following other than mining and mining cases received from SEAC and query response have been considered:-

S.No.	Case No.	Category	No. & date of latest SEAC- II
1.	5526/2017	5(f)	446 th SEIAA meeting dtd. 19.06.2017
2.	5154/2016	5(d)	446 th SEIAA meeting dtd. 19.06.2017
3.	4222/2015	1(a) B2	406 th SEIAA meeting dtd 06.02.2017
4.	5563/2017	1(c)	292 nd SEAC meeting dated 16-06-17
5.	5564/2017	1(c)	292 nd SEAC meeting dated 16-06-17
6.	5567/2017	1(c)	292 nd SEAC meeting dated 16-06-17
7.	5573/2017	1(c)	292 nd SEAC meeting dated 16-06-17
8.	5511/2017	1(c)	292 nd SEAC meeting dated 16-06-17
9.	1715/2013	1(c)	292 nd SEAC meeting dated 16-06-17
10.	5566/2017	7(da)	292 nd SEAC meeting dated 16-06-17
11.	5424/2016	7(da)	292 nd SEAC meeting dated 16-06-17
12.	4898/2015	5(f)	292 nd SEAC meeting dated 16-06-17

B. Policy Decision :-

1. **Case No. - 5526/2017:** Prior Environment Clearance for Proposed Manufacturing of Steroids Synthetic Organic Chemicals Industry (dyes & dye intermediates; bulk drug) at Plot No. - F-24, Sector 1, Special Economic Zone, Phase I, (Processing Unit), Industrial Area - Pithampur, Distt. - Dhar, (M.P.) Total Plot area- 2709.24 sq.m. Proposed Capacity- 18 TPA by M/s Balaji Steroids and Hormones Pvt. Ltd, 15/10, South Tukogunj, Gorani Compounds, Near Treasure Island, Indore, (M.P.) - 452001 Mob No.- 9584468017 Email: balajiintl12 @ gmail.com Env. Cons. - Anacon Lab. Nagpur (M.S.)

- (1) The project is a Synthetic Organic Chemicals Industry and propose to manufacture following steroids with annual capacity of 18 MT :-

Sr. No.	Product	Capacity (TPA)
1	Dexamethason Sodium Phosphate	18
2	Beta Methasone Dipropionate	
3	Beta Methasone Sodium Phosphate	
4	Beta Methasone Valerate	
5	Dexamethason	
6	Deflazacort	
7	Momentason Furate	
8	Triamcinolone Acetonide	
9	Clobetasol Propionate	
10	Beta Methasone and its derivative	

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11	Dexamethasone and its derivative	
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- (2) The proposed project is covered under 5 (f) category (B) of the schedule of EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533 (E), dtd. 14.09.2006 and its amendments, hence is required to obtain prior EC.
- (3) There is no interstate boundary within 10 km and no National Park / Sanctuary within the 5 km of the project area hence the general conditions are not attracted.
- (4) The project is located in notified Industrial area Pithampur, District Dhar (M.P), approved by AKVN hence as per GoI, MoEF OM dtd 10.12.14 Public hearing is exempted.
- (5) The case was discussed in SEAC meetings 288th dated 30.03.17 291st dtd. 30.05.17 and recommended for EC with 21 specific conditions.
- (6) The case was also discussed in 446th SEIAA meeting dtd. 19.06.2017, and decided to PP may call for presentation.
- (7) After deliberation the case was discussed in depth and it is noted that :-
 - (i). The total land area of the project is 2709.24 sq. m. and owned by Madhya Pradesh Audyogik Vikas Nigam (Indore) and allotted to M/s Balaji Steroids and Hormones Pvt. Ltd. and approval from Indore SEZ vide letter no. C-117/ISEZ/Proj.-/2016-17/2039 letter dated 6/2/2017. The area is notified by Govt. of India, Ministry of Commerce and Industry as a Special Economic Zone (SEZ) as industrial area.
 - (ii). The total water requirement for the proposed project is 19.9 m³/d. The source of water supply is MPAKVN for which PP has submitted letter dtd 20.02.17 from MPAKVN (Indore). The water requirement will be utilized for the following applications:

Sr. No.	Purpose	Proposed Requirement (KLD)
1	Manufacturing process	1.7
2	Boiler feed	2
3	Cooling water	0.1
4	DM water plant	4.5
5	Floor/utensil washing	1.6
6	Domestic use	10
	Total	19.9

- (iii). The total waste water generation is 14.4 KLD. PP has proposed domestic effluent 8.0 m³/d will be collected and equalized and treated in Aeration Tank, settling, sand bed filter, activated carbon filter will be used for gardening within plant premises. The industrial effluent 6.4 m³/d will be treated in effluent treatment plant with capacity of 10 m³/d and 87 % will be recovered through condensate = 5.57 m³/d. The treated water from effluent treatment plant will be passed through the R.O. Plant followed by Multiple Effective Evaporation (MEE) system and finally re used/recycled in the process. Thus zero discharge will be maintained by the plant.

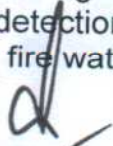

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- (iv). The total raw material required for project is estimated to be 2 Tons max & the raw materials will be procured from indigenous and overseas Markets.
- (v). The predicted noise levels at the boundary due to various plant activities will be ranging in between 48 dB (A) to 56 dB (A). PP has proposed the following measures to control noise pollution:-
- The main source of noise pollution will be boiler, Thermic fluid heater reactor, D.G. Set, vehicular transportation and other plant & machinery.
 - Noise suppression measures such as enclosures, buffers and/or protective measures will be provided (wherever noise level is more than 90 dB (A)).
 - Employees will be provided with ear protection measures like earplugs or earmuffs, where exportation is 85 dB (A) or more.
 - The green belt area will be developed within industrial premises and around the periphery to prevent the noise pollution in surrounding area.
 - Monitoring of noise levels to assess the efficacy of maintenance schedules undertaken to reduce noise levels.
- (vi). For control of air pollution from boiler & DG sets, PP has proposed to provide suitable stack height of 30 m and 11 m to the boiler and process stack for proper dispersion of pollutants into the atmosphere.; Ambient air quality monitoring for PM₁₀, PM_{2.5}, SO₂, NO_x, CO, NH₃ and VOCs as stipulated by MPPCB / CPCB shall be done on regular basis. Regular stack monitoring, Maintenance of scrubbers & condensers will be also done on regular basis.
- To reduce the fugitive emissions PP has proposed all loading and unloading operations will be carried out in closed and controlled conditions, air borne dust will be controlled through sprinkling of water at places, where there is possibility of dust generation and proper ventilation system will be provided in the process area. For the safety of the workers, personal protective equipment (PPE) like hand gloves, helmets, safety shoes, goggles, aprons etc. will be provided.
- (vii). The unit will be provided adequate hazardous waste management system. The ETP sludge & evaporation salt will be disposed off to approved secured landfill site for land filling or incineration (TSDF Pithampur), whereas discarded drums/barrels will be sold to registered recyclers. The used/spent oil will be reused as lubricant and excess will be sold to registered re-refiners distillation residue will be sent to MPWMP facility for incineration. Spent acid will be reused in process/sell to actual users. The unit will provide isolated area for the storage of hazardous waste and obtained authorization under HW (M, H&TM) Rules 2016.
- (viii). For fire fighting measure, PP has proposed to provide hydrant system, fire detection and alarm system and different types of fire extinguishers and fire water storage facilities.


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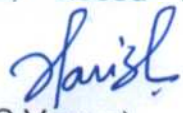
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- (ix). Total power requirement will be 125 KVA & sourced from Madhya Pradesh Audyogik Kendra Vikas Nigam (Indore). PP has proposed DG sets of total capacity ~125 KVA in standby mode.
- (x). The storm water drains will be created and storm water from the entire plot will be collected through network of storm drains.
- (xi). PP has proposed an area of 894.05 sq.m. will be used for green belt development including total 143 sapling @ 1600/ha. (Inside the plot is 518.58 sq.m and back side the plot will be 375.19 sq.m.)
- (xii). Under CSR activities PP has proposed donation of furniture, education aids, scholarship to needy eligible students in the nearby village (Dhannad, 2 kms from plant site) Government School and accordingly overall capital expenditure Rs. 05 lakhs initially will be made available to conduct CSR activities.

Hence It is decided to accept the recommendations of 291st SEAC meeting dtd 30.05.17 with 21 special conditions and accord Prior Environmental Clearance for proposed Manufacturing of Steroids Synthetic Organic Chemicals Industry (dyes & dye intermediates; bulk drug) at Plot No. - F-24, Sector 1, Special Economic Zone, Phase I, (Processing Unit), Industrial Area - Pithampur, Distt. - Dhar, (M.P.) Total Plot area- 2709.24 sq.m. Proposed Capacity- 18 TPA by M/s Balaji Steroids and Hormones Pvt. Ltd, 15/10, South Tukogunj, Gorani Compounds, Near Treasure Island, Indore, (M.P.) – 452001 subject to following specific conditions imposed by SEIAA:-

1. The entire demand of fresh water should be met through MPAKVN as committed in letter dtd. 20.02.17
2. Fresh water should not be used for gardening purpose.
3. **Waste water:**
 - (a) PP should ensure "Zero effluent discharge" from the unit by 100% recycling. The water softening reject, boiler blow down reject and cooling blow down will be treated in ETP. Further treated waste water will go through the RO and finally re used/recycled in the process and unused waste water evaporate in MEE.
 - (b) RO and MEE should be provided for treatment of high COD waste streams and only in case of emergency/breakdown high COD wastes should be disposed off through CTSDf, Pithampur, Dhar.
4. **For Air Pollution:**
 - (a) PP should ensure install Bag house in stack for control of air pollution and stack height as proposed in the EIA/ EMP.
 - (b) The performance of air pollution control system should be regularly monitored and maintained.
 - (c) PP should ensure regular Stack monitoring & Ambient air quality monitoring and should be carried out as per the guidelines/norms of MPPCB/CPCB.
 - (d) In plant control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emission shall be controlled by providing closed storage, closed handling & conveyance of


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chemicals/materials, multi cyclone separator/bag filters and water sprinkling system.

- (e) Dust suppression system including water sprinkler system/ fogging arrangement shall be provided at loading and unloading areas to control dust emission.
- (f) Fugitive emission in the work zone environment, product, raw material storage areas etc. shall be regularly monitored.
- (g) High efficient four stage ventury scrubber should be provided.
- (h) Transportation of raw material and finished goods should be carried out in covered trucks.


5. Solvent Management shall be as follows:

- Chilled brine circulation system shall be provided and it should be ensured that the solvent recovery efficiency should not be less than 98%.
- Reactor and solvent handling pump shall be provided with mechanical seal to prevent leakage.
- Closed handling system should be provided for chemicals.
- System of leak detection and repair of pump/pipeline should be based on preventive maintenance.
- Solvent shall be taken from underground storage tank to reactor through closed pipeline. Storage tank shall be vented through trap receiver and condenser operated on chilled water.
- Solvents shall be stored in a separate space specified with all safety measures.
- Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.
- Entire plant where solvents are used shall be flame proof. The solvent storage tanks shall be provided with breathe valve to prevent losses.

6. Hazardous Waste Management:

- (a) As proposed above, PP should ensure disposal of hazardous waste regularly and there should be no dumping of these materials in the premises/outside.
- (b) PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.
- (c) PP should obtain Renewal of authorization regularly from MPPCB for collection storage and disposal of hazardous waste (Management, Handling & Transboundary Movement) Rules 2008 and its amendments. Membership of the TSDF should be obtain for hazardous waste disposal.
- (d) Hazardous chemicals should be stored in sealed tanks, drums etc. Flame arrestors shall be provided on tanks. To avoid the spillage from processing unit, Industry shall provide fully mechanized filling and packaging operation unit.


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- (e) Ensure the transportation of raw / finished material only by covered vehicles.
- (f) Ensure the storage and handling of all the chemicals in a proper and safe manner to avoid any spillages and also to prevent runoff contamination in monsoon.
- (g) Ensure collection & treatment of spillages, if any.
- (h) All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous chemicals.

7. Green Belt Development:

- (a) PP should ensure plantation as proposed in an area of 894.05 sq.m. (Inside the plot is 518.58 sq.m and back side the plot will be 375.19 sq.m.)
 - (b) Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam and Kachnaar.
 - (c) Every effort should be made to protect the existing trees on the plot.
 - (d) Green area including thick green-belt shall be developed in at least 33% of the plot area to mitigate the effect of fugitive emissions all around the plant in consultation with the forest department as per the guidelines of CPCB.
8. There is an existing HT line just adjacent to the plant boundary. Care should be taken to keep a safe distance according to the norms of the Electricity Act.
9. PP should obtain NOC /approval from competent authority for health & safety measure, Onsite & Offsite disaster management, and Risk management plan before commencing the operation of the unit.
10. PP must ensure free & smooth circulation of trucks at the loading/unloading point. Vehicles should follow a loop for entry and exit.
11. PP should obtain fire NOC from the competent authority before commencing the operation of the unit.
12. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.
13. PP should ensure the implementation of CSR activities to the extent of Rs. 5.00 lacs up to five years on regular basis in consultation with Collector, Dhar. PP should identify the skill up-gradation training programs required for employing the local people in the proposed unit.
14. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
15. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
16. Total quantity of runoff water generated and green belt area should be collected in underground tank & used for process in plant to minimize fresh water requirement.



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2. **Case No.5154/2016:** Prior Environmental Clearance to increase fabric production capacity to 28000 TPA, adding dipping Unit for producing dipped fabric 14500 TPA, modification to takeout nylon chips as separate product and installation of Pet Coke steam boiler 10 TPH and TFH 1.5 million kcal/ hr at its existing plant. Existing area 272109.5 sq.m.at Plot No. D-1 to D4, E-1 to 24, Industrial Growth Centre, Malanpur, Tehsil Gohad, District Bhind-477116, MP by M/s SRF Limited through Sr. Vice President – Operations) Mr. Sanjiv Tipnix, Industrial Area Malnpur, District Bhind – 477116, Phone No. 7539-283164 & 283555 Env't. Consultant: M/s Enviro Techno Consult Pvt. Ltd. Nagpur

- (1) The proposed project is engaged in the production of Nylon Chips (33000 TPA), (currently being produced but not taken out as a separate product, it is directly sent to next process i.e spinning), Industrial nylon tyre yarn (33000 TPA), industrial nylon Tyre Cord fabrics (23,000 TPA), along with coal based steam boiler thermic fluid heater (TFH) 10 TPH and 1.5 million KCAL at its existing plant site, D-1 to 4 and E-1 to 24, Industrial Growth Centre, Malanpur, Dist. Bhind, 477116(M.P.).
- (2) Now the PP has planned to increase fabric production capacity, adding dipping unit for producing dipped fabric and modification for takeout nylon chips as separate product, and it is also proposed to use Pet-Coke along with coal for steam generation within the existing plant. The details of the products and production capacities (existing and proposed) installation are as follows:

Sr. No.	Name of products	Existing capacity	Proposed Additions	Total Capacity after Expansion
1.	Nylon Chips (through polymerization process)	33000 MTPA (currently being produced, but not taken out as a separate product, directly sent to next process i.e. Spinning)	Nil	33000 MTPA (proposed to take out as a separate product,) However chips generation quantity will remain same.
2.	Synthetic Yarn/Nylon industrial yarn	33,000 MTPA	Nil	33,000 MTPA
3.	Synthetic Yarn/Nylon tyre cord fabrics	23,300 MTPA	4700 MTPA	28000 MTPA (capacity enhancement)
4.	Synthetic Yarn/Nylon tyre cord dipped fabrics.	Nil	14500 MTPA	14500 MTPA (New addition)
5.	Steam boiler and thermic fluid heater (TFH)	Coal based -Steam-Boiler: 10 TPH TFH: 1.5 Million Kcal/Hr (FO based Steam-Boiler: 14 TPH and TFH: 1.2 Million Kcal/Hr are kept as standby)	Pet Coke Based: Steam-Boiler: 10TPH: and TFH: 1.5 million kcal/hr	<ul style="list-style-type: none"> Pet Coke based Steam-Boiler-Boiler: 10 TPH-TFH: 1 x 1.5 Million Kcal/Hr Stand by: Coal based: Steam-Boiler-Boiler: 10 TPH each-TFH: 1 x 1.5 Million Kcal/Hr FO based Steam-Boiler: 14 TPH and TFH: 1.2 million kcal/hr).
6.	Power Generation	10MW	NIL	10MW (kept as standby for emergency as a backup).

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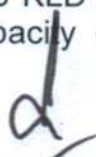
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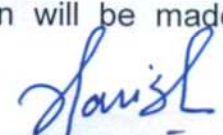
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- (3) The proposed project is covered under 5 (d) man-made fibre category (B) of the schedule of EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533 (E), dtd. 14.09.2006 and its amendments, hence is required to obtain prior EC.
- (4) There is no inter-state boundary within 05 km and no Wildlife Sanctuaries, National Parks, and Tiger Reserves within 05 km of the boundary hence, general conditions are not attracted.
- (5) The project is located in notified Industrial Growth Centre, Malanpur, District Bhind (M.P) approved by AKVN hence as per Gol, MoEF OM dtd 10.12.14 Public hearing is exempted.
- (6) The case was discussed in SEAC meetings 275th dated 12.05.16 291 dtd. 30.05. 17 and recommended for EC with 26 specific conditions.
- (7) The case was also discussed in 446th SEIAA meeting dtd. 19.06.2017, and decided to PP may call for presentation.
- (8) After deliberation the case was discussed in depth and it is noted that :-
 - (i). The total land area of the project is 272109.5 sq.m for which lease deed is executed (dtd 20.07.1990) in favour of M/s CEAT Ltd. which was transferred in favour of M/s SRF Ltd, in the year 1996 and the amendment in lease deed was made between MD, Madhya Pradesh Audyogik Kendra Vikas Nigam (Gwalior) Ltd. Gwalior and M/s SRF Limited through authorised representative Shri D. Das Gupta, Express Building, 9-10, Bahadur Shah Zafar Marg, New Delhi- 110002 for the period of 99 years (w.e.f. 20.07.1990 to 19.07.1989).No additional land is required for proposed expansion of the project.
 - (ii). The source of water supply for the project is MPAKVN. The total water requirement for the existing unit is 2126 KLD. After expansion the total water requirement will be 2150 KLD. The water requirement will be utilized for the following applications:

Uses	Water Consumption	
	Existing	Proposed
	Water Consumption (KLD)	Water Consumption (KLD)
Domestic	50	50
Production Process	240	250
WTP	100	100
Others (Garden + Fire hydrant etc.)	250	250
Boiler	158	158
Cooling	1328	1342
Total	2126	2150

- (iii). The existing wastewater generation is estimated to be 410 KLD which will be 420 KLD after proposed expansion. The wastewater generated in the process is treated in the effluent treatment plant (ETP) having capacity 300 KLD and domestic waste in STP 100 KLD and for RO rejects with a capacity of 50 KLD. Provision will be made for better operation and


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maintenance of wastewater treatment system regularly to avoid any discrepancy in the treatment units. There will be marginal increase in the wastewater generation (10 KLD) in the dipping system. The treated water from STP shall be used for gardening. Dipping system waste water will pass through filter press for separating out sludge and water will be sent to ETP, whereas sludge will be sent to hazardous waste disposal site (TSDF-Pithampur).

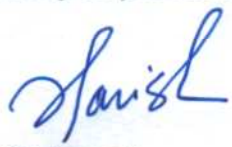
- (iv). The total raw material requirement for the proposed project in existing & after expansion are as follows:-

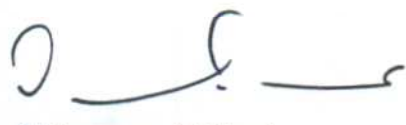
Sr. No.	Raw Material	Quantity in TPA		
		Before Project (existing)	After Project (Incremental Quantity)	Total Quantity after project
1	Caprolactam	34617	-	34617
2	Spin Finish Oil	750	-	750
3	Resorcinol formaldehyde latex (RFL)	0	3625	3625

The raw materials will be stored in the tank in designated storage area and furnace oil and high speed diesel will be stored in FO and HSD tanks separately.

- (v). PP has proposed additional raw materials, fuels will be transported by road ways for which existing road network already exists. The increased traffic load for raw material will be estimated to be < 5 trips of trucks per day. All the tippers / trucks will be covered by tarpaulin. Hence there will not be much fugitive dust generation during transportation of raw materials.
- (vi). For control of air pollution suitable air pollution control system shall be provided to trap air pollutants at all sources i.e. boiler + TFH stack.
- Pet Coke shall be appropriately sized and shall be fired.
 - When only pet coke use, with the help of lime dose (50%) addition 43 % of SO₂ capture.
 - Fire bed shall be cleaned at appropriate time to avoid build-up of "fire bed thickness", if not, this would reduce the primary air supply successively & result into improper combustion.
 - CO₂ % shall be checked frequently (say once a day initially) to ensure proper boiler operation & take corrective actions, if required, immediately.
 - The emissions from the stack shall be monitored regularly for concentration of PM, SO₂ and NO_x. Sampling port shall be provided in the stacks according to CPCB guidelines.
 - All material handling sections (coal and pet coke) shall be provided with dust suppression / dust collection systems. Water sprinkling shall be practiced to restrict air pollutants
 - Covered conveyor belts gallery to prevent fugitive emissions


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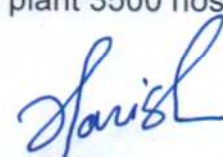
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- Regular ambient air quality monitoring shall be performed at baseline stations especially in downwind directions for checking compliance with NAAQ standards.
- (vii). The unit will be provided adequate hazardous waste & solid waste management system as follows:-

Hazardous Waste	Waste Stream	Existing Quantity	Proposed Quantity	Storage at site	Disposal
Discarded contaminated container/Barrel & Container	33.3	10.0 TPA	Remain Same	Stored in shaded area before disposal	TSDF (MPWMP) Pithampur/ authorized recycler
Sludge from Wastewater treatment (ETP)	34.3	30 TPA		Kept in metallic drums	
Spent Ion Exchange Resin	34.2	1 TPA		Kept in metallic drums	
Sludge and filter contaminated with oil	3.3	8 TPA			
Waste residue containing oil	5.2	8 TPA			Send to authorized recyclers
Used/spent Oil	5.1	12 TPA		Kept in metallic drums	
Latex from Dipping process	23.1	Nil	108.8 TPA	Propose to keep under covered room before disposal	Propose to send to common TSDF for safe disposal
Solid waste					
Waste	Existing Quantity	Proposed Quantity		Storage at site	Disposal
Fly Ash	19.5 TPD	Remain Same		Closed hopper	Being sent to Approved vendor from MPPCB
Poly residue	270 TPA			Stored in covered room before disposal	Being sent to cement plant for co-processing.

- (viii). For fire fighting measure PP has proposed to provide hydrant system, fire detection and alarm system and different types of fire extinguishers.
- (ix). Existing power requirement (10 MW) will be sourced from MPEB. Additional power requirement after expansion is proposed to take from same source. Existing DG sets (two UPS DG set having capacity of 2750 KVA each on HSD, equipped with 30 mtr stack/DG and five DG set having capacity of 2270 KVA each on FO, equipped with 40 mtr stack/DG are kept on standby mode for emergency).
- (x). Out of the total area of 272109.5 sq. m, the project is setup on an area of 71196.4 sq.m. However, 36 % is used for green belt development and mobilization purposes. A dense green belt is developed with a plantation of 17642 No of trees/shrubs. Four big lawns are also developed in this premises which are in front of Admin building, reception area, ETP and RO plant. PP has proposed to plant 3500 nos of trees upto five years.


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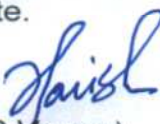
- (xi). Under CSR activities PP has proposed Economic support to deserving students thru scholarships, Financial aid for tuition/Coaching Centers, Distribution of Books/Note Books & School furniture, School Uniform, Financial support to schools through supply of IT tools (computers etc) Providing potable water, sanitation facilities, play grounds in adopted schools etc The company is actively involved in CSR activities through SRF foundation run by M/s. SRF limited. PP has also proposed budgetary provision of Rs 35 Lac for 2017-18 as a corporate social responsibility Plan.


Hence It is decided to accept the recommendations of 291st SEAC meeting dtd 30.05.17 with 26 special conditions and accord Prior Environmental Clearance to increase fabric production capacity to 28000 TPA, adding dipping Unit for producing dipped fabric 14500 TPA, modification to takeout nylon chips as separate product and installation of Pet Coke steam boiler 10 TPH and TFH 1.5 million kcal/ hr at its existing plant. Existing area 272109.5 sq.m.at Plot No. D-1 to D4, E-1 to 24, Industrial Growth Centre, Malanpur, Tehsil Gohad, District Bhind- 477116, MP by M/s SRF Limited through Sr. Vice President – Operations) Mr. Sanjiv Tipnix, Industrial Area Malnpur, District Bhind – 477116 (M.P.) subject to following specific and General conditions imposed by SEIAA:-

A. Specific Conditions:

1. Consent for Establishment" shall be obtained from the MPPCB under the Air and Water Act and a copy shall be furnished to the MPSEIAA, before taking up any construction activity at the site.
2. No ground water should be used. Efforts should be made to reduce the fresh water requirement by adopting 3 R's(Reduce, Reuse and Recycle)concept.
3. In plant control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multicyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emission. Fugitive emission in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall confirm to the limits stipulated by MPPCB.
4. Adequate stack height shall be provided to coal fire boiler to control the air emission within stipulated by CPCB/MPPCB. Low NOx burner shall be provided in Captive co-generation Power plant to reduce the NOx emission.
5. The gaseous emission from DG set shall dispersed through adequate height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
6. Double containment system shall be provided for all waste transport vehicles to avoid spillage. The spillage shall be cleared immediately.
7. Vehicles should prominently display complaint numbers for use of public as well as antidotes to any toxic waste.


(Anupam Rajan)
Member Secretary


(H.S. Verma)
Member

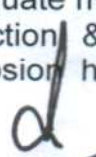

(Waseem Akhtar)
Chairman

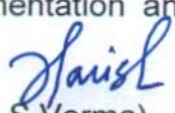
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8. Project proponent should carryout periodical ground water/soil monitoring in and around the site to check the contamination including TCLP test for heavy metals.
9. PP should ensure to carryout periodical ground water/soil monitoring in and around the site to check the contamination.
10. Fish pond constructed in the close vicinity of Effluent Treatment Plant of which Bioassay tests will be conducted which will be analyze the survival rate and health of fishes.
11. Process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
12. PP should ensure to harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and used same water for process activities of the project to conserve fresh water.
13. Dedicated parking facility for loading and unloading of material should be provided in the factory premises. Unit should develop and implement good traffic management system for their incoming and outgoing vehicle to avoid congestion on the public road.
14. As proposed, green belt over 33% of the total project area should be developed within plant premises with at least three rows green belt on all sides along the periphery of project area and along road sides etc. Selection of plant species as per the CPCB guidelines in consultation with the DFO.
15. PP should ensure to undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.

B. General Conditions:

1. All the recommendations mentioned in the environment management plant, Rapid Risk Assessment Report, Disaster Management Plan and safety guidelines shall be implemented.
2. The project proponent will set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.
3. All the commitment made regarding issues raised during the public hearing / consultation meeting shall be satisfactorily implemented. Item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhopal.
4. The applicant (Project proponent) will take necessary measures for prevention, control and mitigation of Air Pollution, Water Pollution, Noise Pollution and Land Pollution including solid waste management as mentioned by him in Form-1, Final EIA reports and Environment Management Plan (EMP) in compliance with the prescribed statutory norms and standards.
5. Adequate measures shall be adopted to ensure industrial safety. Proper fire detection & protection systems shall be provided to control fire and explosion hazards. The implementation and monitoring of Environmental


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Member Secretary


(H.S. Verma)
Member



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Chairman

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Management Plan and Disaster Management Plan should be carried out, as proposed.

6. Ambient noise level should not exceed the permissible limit. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989.
7. Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
8. There shall not be removal/destruction of vegetative cover both at the establishment as well as the operational stage, without the sanction of appropriate authority.
9. The gaseous emissions from various process units should conform to the load/mass based standards prescribed by the MoEF & CC and the State Pollution Control Board from time to time. At no time the emission level should go beyond the prescribed standards.
10. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment, Forest & Climate Change.
12. Project Proponent has to strictly follow the direction/guidelines issued by MoEF, CPCB and other Govt. Agencies from time to time.
13. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, and its Regional Office, Bhopal.
14. The Regional Office, MoEF, GoI, Bhopal & MPPCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, and Environmental Monitoring Plan as approved by SEAC should be submitted to Regional Office, MoEF, GoI, Bhopal & MPPCB within six months.
15. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation shall be submitted to the Regional Office, MoEF, GoI, Bhopal, MP PCB within six months.
16. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies (Panchayat and Municipal Bodies), District Collector and DFO as applicable and responsible for


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controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.

17. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the State Level Environment Impact Assessment Authority (SEIAA) website at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF& CC Gol, Bhopal.
18. The Project Proponent has to upload only soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF & CC web portal - <http://www.environmentclearance.nic.in/> or <http://www.efclearance.nic.in/>.
19. Full Cooperation should be extended to the Officers and staff from the Ministry and its Regional Office at Bhopal / the CPCB / the SPCB during monitoring of the project.
20. The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
21. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
23. The Environmental Clearance shall be valid for a period of five years from the date of issue EC as per EIA Notification, 2006 Para 9.
24. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
25. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with amendments and rules.
26. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional


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Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

27. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF.
28. 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 the project.

3. **Case No.4222/2015** Prior Environmental Clearance for Sand Quarry in an area of 21.160 ha. (84,800 cum/year) at Khasra no.-1109, Village-Kumharra, Tehsil-Dabra, District-Gwalior by Shri Manish Kumar Sharma R/o Gali No. 2, Shiv Colony, Main Road, Guda Gudi Ka Naka, District-Gwalior (MP)-475110.

The case was discussed in 406th SEIAA meeting dtd 06.02.2017 and it was recorded that :-

As per above observation of SEAC PP should be informed to submit annual replenishment plan and normal water level prevalent in the lean season. Mining Officer, Gwalior has submitted NOC of number of mines within 1000 m. of the lease area. As per the new notification, information is required for number of mines within 500 m., PP and Mining Officer, Gwalior should submit revised information within 15 days.


As per the above, PP has submitted the annual replenishment plan, but the number of mines within 500 m. periphery has not been submitted by the Mining Officer, Gwalior. PP may be informed to submit the remaining information.


4. **Case No.5563/2017:** Application for Prior Environment Clearance for Prior Environment Clearance for Jawar Micro Lift Irrigation Scheme at Village- Selda District- Khandwa (MP) Lifting point 2 Nos.: Indira Sagar Reservoir at RL 247m for 1st Stage and RL 338m 2nd Stage near village Selda and Gohlari Cultivable Command Area – 26000 ha, Gross Command Area – 35500 ha by Executive Engineer, N.D. Division No. 25, Narmada Nagar, District Khandwa, MP- 450119 E-mail: eend25@gmail.com Mob no. – 9826337580


This case was discussed in 292nd SEAC meeting dated 16-06-17, ToR recommended by SEAC is hereby approved.

5. **Case No.5564/2017:** Application for Prior Environment Clearance for Prior Environment Clearance for Executive Engineer, Narmada Development Division No. - 5, Narmada Nagar, Distt. - Khandwa, (M.P.) 450119 Prior Environment Clearance for Harsud Lift Irrigation Scheme at Village - Nandgaon, Tehsil - Harsud, Distt. - Khandwa, (M.P.) Cat. 1(c) River Valley and Hydroelectric Projects. Consultant: R.S. Env Link Tech Pvt. Ltd., Gurgaon)

This case was discussed in 292nd SEAC meeting dated 16-06-17, ToR recommended by SEAC is hereby approved.


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6. **Case No.5567/2017:** Application for Prior Environment Clearance for Chhipaner Micro Lift Irrigation Project in Village Choursakhedi, Chhipaner, Kheri, Bijalgaon, Dait, Kundgaon, Tehsil Nasrullaganj, Dist. Sehore, MP Supply source: Lifting point from Right Bank of Narmada river in Sehore and Dewas district Lifting point: various location on the right bank of Narmada River Cultivable Command Area – 35000 ha, Gross Command Area – 42000 ha by Executive Engineer, Office of the Executive Engineer, Narmada Development Division No. 23, 59, Arera Hills, Narmada Bhawan, Bhopal, MP- 462011 E-mail: eenvda23@mp.gov.in Mob no. – 9425495661

This case was discussed in 292nd SEAC meeting dated 16-06-17, ToR recommended by SEAC is hereby approved.

7. **Case No.5573/2017:** Application for Prior Environment Clearance for Prior Environment Clearance for Bhikangaon - Binjalwara Lift Micro Irrigation Scheme at Tehsil & District Khargone, MP Supply Source Lifting Point : Indira Sagar Main Canal from R.D. 57.85 km Near village Mokhangaoan Tehsil Sanawad District Khargone (ii) Distribution Point Hirapur, Borut, Chikalwas Cultivable Command Area – 50000 ha, Gross Command Area – 98000 ha by Executive Engineer, Narmada Development Division No. 21, Sanawad, Distt. Khargone, MP- 451111 E-mail: ee21sanawad@mp.gov.in Mob no. – 9425084466

This case was discussed in 292nd SEAC meeting dated 16-06-17, ToR recommended by SEAC is hereby approved.

8. **Case No.5511/2017:** Application for Prior EC for proposed Chhaigaon Makhan Lift Irrigation Scheme, Tehsil - Khandwa, Dist. Khandwa, MP Lifting point: Indira Sagar main Canal from R.D.22- RD-36Km Cultivable command area – 35000 ha, by Chief Engineer, NVDA Sanawad, Indira Sagar Project (Canal), Sanawad, Dist. Khandwa, MP- 450001 E-mail ceispnvdasand@gmail.com Mob. No. 9407277212

This case was discussed in 292nd SEAC meeting dated 16-06-17, ToR recommended by SEAC is hereby approved.


9. **Case no. 1715/2013,** Application for Prior Environmental Clearance for proposed Tarped Tank Project at village Jetupura, Tehsil & District Chhatarpur, MP by Shri M. G. Choubey Engineer-in-Chief, Department of Water Resources, Tulsi Nagar, Bhopal, MP -462003


This case was discussed in 292nd SEAC meeting dated 16-06-17, PP may be called for presentation.


10. **Case No.5566/2017:** Prior Environment Clearance for Common Bio Medical Waste Treatment Facility through 100 kg per hour rotary kiln based bio medical incineration project at Khasra no. 1331/2, Village - Aatari, Dist. Gwalior, MP Total plot area 0.941 ha (2.32 acres) Proposed Capacity – 100 kg per hour rotary klin based bio medical incineration by Partner, M/s Devis Surgico, 3, Giriraj Market, Lohiya Bazar, Lashkar, Gwalior, MP - 474009, Mob. No. 09827050487, E-mail : devissurgico123@gmail.com

This case was discussed in 292nd SEAC meeting dated 16-06-17, ToR recommended by SEAC is hereby approved.

11. **Case No.5424/2016:** Prior EC for M/s BMW Solution (Common Bio Medical Waste Treatment Facility), at Khasra no.218/1/2/1 & 218/2/1, Vill-Ratua Ratanpur, Tehsil-


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Huzur, Dist.-Bhopal (M.P.) , Total plot area- 0.474 ha (1.71 acres) by Dr Hemant Mittal Vill-Ratua Ratanpur, Tehsil-Huzur, Dist.-Bhopal (M.P.)

This case was discussed in 292nd SEAC meeting dated 16-06-17, PP may be called for presentation.

- 12. Case No. 4898/2015** Application for Prior EC for proposed Sadhan Fertilizer & Chemicals Pvt. Ltd. at Plot No. 100, AKVN Industrial Growth Centre, Meghnagar, Taluka Meghnagar, District Jhabua, M. P., Production capacity 36100 MTPM, area 12800 sqmt. by M/s Sadhan Fertilizer & Chemicals Pvt. Ltd, through Director Shri Manish B. Shah, Plot No. 100, AKVN Industrial Growth Centre, Meghnagar, Taluka Meghnagar, District Jhabua, M. P.

After detailed discussion and perusal of the recommendations of 292nd SEAC meeting dated 16-06-17 and it was recorded that

"The case was presented by the PP and their consultant in the 285th meeting dated 26/12/2016 wherein during the scrutiny of the reply submitted by the PP it was observed by the committee that the certificate issued by DIC, Jhabua vide letter dated 30/10/2012 is in the name of M/s S. M. Dyechem Industries, Jhabua for manufacturing of Dyes and Dyes Intermediate while the EC application is filed in the name of M/s Sadhana Fertilizers and Chemicals Pvt. Ltd., Jhabua. Thus committee after deliberations asked the PP to submit copy of DIC registration in the name of M/s Sadhana Fertilizers and Chemicals Pvt. Ltd., Jhabua for further consideration of the project. PP was also informed to submit desired information vide letter no. 24 dated 19/01/2017 and reminder was also given vide letter dated 364 dated 01/06/2017. PP so far has not submitted the desired information and the case was placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information".

As per the above observation, it has been decided to delist the case on the condition that if PP intends to present the case in SEAC, it will then be relisted for appraisal. Copy to PP and all concerned.

B. Policy Decision :-

There are number of cases where the PPs are submitting revised coordinates along with the surface plan. After detailed discussions it has been decided that PP should submit the revised approved mining plan from the competent authority on the new revised coordinates.

Meeting ended with a vote of thanks to the Chair.

(Anupam Rajan)
Member Secretary

(H.S. Verma)
Member

(Waseem Akhtar)
Chairman