

**Proceedings of the 241<sup>st</sup> SEAC Online Meeting held on 23<sup>rd</sup> and 24<sup>th</sup> April 2020**  
**23<sup>rd</sup> April 2020**

Members present in the meeting:

Sri. N. Naganna	-	Chairman
Dr. B. Chikkappaiah, IFS(R)	-	Member
Dr.N Krishnamurthy	-	Member
Dr M.I Hussain	-	Member
Sri M. Srinivasa	-	Member
Sri J.G Kaveriappa	-	Member
Dr K.B Umesh	-	Member
Dr. Vinod Kumar C.S	-	Member
Sri D. Raju	-	Member
Sri Vyshak V Anand	-	Member
Sri Md.Saleem I Shaikh	-	Member
Dr.S.Venkatesan IFS	-	Secretary

The Chairman, SEAC, Karnataka welcomed the members of the Committee and others present during the online meeting. All the members present have confirmed that they have received the full set of copies of the project documents which are submitted to the Authority by the project proponent through E-mail, to be appraised in 241<sup>st</sup> SEAC meeting. The following proposals listed in the agenda were appraised online in accordance with the provisions of EIA Notification 2006. The MoEF Notification Dated: 27<sup>th</sup> March 2020 pertaining to categorization of projects or activities in respect of Active Pharmaceutical Ingredients (API) and the O.M Dated: 13-04-2020 pertaining to Expeditious disposal of projects or activities in respect of Active Pharmaceutical Ingredients (API) through video conference due to COVID-19 were brought to the notice and read before the committee. The observation and decision of the Committee are recorded under each of the agenda items.

Confirmation of the proceedings of 240<sup>th</sup> SEAC meeting held on 25<sup>th</sup> and 26<sup>th</sup> Febraury 2020.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 240<sup>th</sup> SEAC meeting held on 25<sup>th</sup> and 26<sup>th</sup> Febraury 2020 and confirmed the same.

**23<sup>rd</sup> April 2020**  
**10:30 AM to 12:00AM**  
**EIA Project**

**241.1** Expansion of Specialty Chemicals Manufacture Project at Shed No.C-29, C-30 & adjacent plots, Malur Village, Malur Taluk, Kolar District of **M/s. Somu Organo-**

**Chem Pvt. Ltd.,** at no.20, 29th Main, II Stage, I Phase, BTM Layout, Bangalore - 560076. **(SIA/KA/IND2/49606/2016) (SEIAA 56 IND 2016)**

**Proponent Name:** M/s. Somu Organo-Chem Pvt. Ltd.,

**Environmental Consultant:** Sree Harsha, (Obtained Stay from the Hon'ble High Court of Karnataka)

M/s. Somu Organo-Chem Pvt. Ltd. Have applied for Environmental Clearance from SEIAA for the expansion of its process specialty fine chemicals, bulk drugs & cosmetic and pharma ingredients industry at Shed No.C-29, C-30 & adjacent plots, KSSIDC Industrial Estate, Malur- 563 130, Kolar District. The cost of the proposed expansion project is 4.34 Crores.

The industry has obtained Environmental Clearance from SEIAA vide SEIAA 5 IND 2010 dated 09.06.2010 for the following production:

Sl. No.	Fine and specialty chemicals	Production capacity (kg/annum)
1	Benzalkonium chloride	12,00,000
2	1,3 Cyclohexanedione	9,00,000
3	Ore flotation reagent	24,00,000
4	4-Hydroxy carbazole	24,000
5	2/4 Methylcyclohexanol	60,000
6	2,4 Thiazolidinedione	1,20,000
7	3,3,5 Trimethylcyclohexanol	2,40,000
	Total	49,44,000

**Proposed fine & specialty chemicals to be manufactured:**

Sl. No.	Fine and specialty chemicals	Production capacity (kg/annum)
1	4-n Hexylresorcinol	3000
2	4-n Butylresorcinol	1800
3	EthylhexylTriazone	12000
4	Iscotrizinol	600
5	PiroctoneOlamine	18000
6	Tetrahydrocurcumin	1500
7	Tetrahydropiperine	1500
8	1,4-Cyclohexanedione and acetal	12000
9	1,4-Cyclohexanediol	6000
10	(S)-1-Phenyl-1,2,3,4-Tetrahydroisoquinoline	12000

11	3-Quinuclidinone hydrochloride	1200
12	R-(-)-3-Quinuclidinol	600
13	Ethyl isonipecotate	30000
14	1,2,3,9-Tetrahydro-9-methyl- 4(H)-carbazol-4-one	6000
15	4-(2,3-epoxypropoxy)carbazole	6000
16	4-Methoxyethylphenol and Metoprolol	12000
17	Mebeverine Amine	12000
18	2-(2- Ethoxyphenoxy)ethylbromide	120
19	R-1-(1-Methoxyphenyl-N-(R)-1-phenylethyl)propan-2-amine hydrochloride	180
20	R,R-2-methoxy-5-[2-(1-phenylethylamino)-propyl] benzenesulfonamide	180
21	R-(-)-5-(2-Aminopropyl)-2-methoxy-benzenesulfonamide and Tamsulosin	180
22	4-Methylcyclohexanone	24000
23	Trans-4-Methylcyclohexyl amine	6000
24	Tris(Hydroxymethyl)aminomethane	6000
25	Trans-4-aminocyclohexanol	60000
26	Tranexamic acid	600
27	Benzethonium chloride	12000
28	Cinnamyl alcohol	60000
29	(R)-(-)-3-Carbamoylmethyl-5-Methylhexanoic Acid and Pregablin	60000
	Total	3,70,860

#### Hazardous Raw Materials Used in the Manufacturing Process:

Hazardous raw material	Sl. No. as per Manufacture, Storage and Import of Hazardous Chemical (Amendment) Rules, 19th January, 2000, Schedule I, Part II
Acetic acid	2
Acetone	4
Aluminium chloride	23
Ammonia solution	31

Benzoyl chloride	65
Benzyl chloride	67
Chlorosulfonic acid	136
Epichlorohydrin	239
Ethyl hexanol-2	254
Ethylene dibromide	263
Hexane	306
Hydrogen	314
Hydroquinone	319
Isopropyl alcohol	334
Methanol	377
Methyl isobutylketone	388
Nitrogen	429
Perchloroethylene	479
Phenol	481
Phosphorous oxychloride	504
Phosphorous pentaoxide	505
Potassium hydroxide	522
Sodium hydroxide	571
Sulphuric acid	591
Thionyl chloride	620
Triethylamine	652

**Existing Land use pattern:**

Particulars	Area in Sqm
Total Plot area	5532.91 (100%)
Ground coverage area	2693.04 (48.68%)
Hard paved area	1419.94 (25.66%)
Landscaped area	1419.94 (25.66%)
Built up area	2693.04

**Industrial Waste Management:** The industrial effluents are stored in two collection tank of each about 40,000 L capacities and sent to Common Effluent Treatment Plant (CETP) of M/s. Eco Engineering for treatment and disposal.

**Total water requirement and waste water discharge details after expansion:** The total water requirement for the industry after the proposed expansion is about 130KLD and The total waste water discharge is about 50KLD will be met from water tankers.

Description	Existing(EC obtained)		Proposed		Total requirement after expansion
Water	Industrial	16	Industrial	102	118

requirement (KLD)	Domestic	1.5	Domestic	3.7	5.2
	Landscape	1.0	Landscape	5.0	6.0
	Total	18.5	Total	110.7	129
Water requirement (KLD)	Industrial	15	Industrial	31	46
	Domestic	1.2	Domestic	3.0	3.2
	Landscape	16.2	Landscape	34	49.20

**Solid Waste Management:** Total waste generated in the project is 19 Kg/day, where organic waste is 12 kg/day and inorganic waste is 7 kg/day.

**Power requirement:** The total power requirement of the industry is 459hp or 342kVA which is sourced from BESCO. Further, a diesel generator of 250 kVA capacity is installed to serve as an alternative source of power supply to this unit.

**Connectivity of the project site:** The project site is well connected with roadways. The Bangalore- Malur road is at a distance of around 2Km east of the project site. The McNally road is at a distance of 1Km North-east of the project site.

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report, proposed TORs and clarification/additional information provided during the meeting. The committee decided to recommend the proposal to SEIAA for issue of Standard TORs and following additional TORs to conduct the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines. The committee also decided to visit the site and issue site specific TORs.

1. Compliance to the earlier issued EC conditions.
2. Justification for the proposed industrial activity is a small scale industry
3. CFO is expired on 30.06.2016 and the proponent is operating the industry without valid CFO. The proponent is asked to clarify the issue regarding delay in renewal of the same with the supporting documents.
4. Material balance and mass balance for all the products
5. Raw material to product and product to waste generation ratio for each product to be given
6. Impact on the adjacent Industries due to activities of this industry within 2 km radius
7. Existing greenbelt details and proposed with design to be provided
8. Justification for the steam requirement, water requirement and energy requirement with process details
9. MOU for Hazardous material disposal
10. HAZOP study to be done and submitted

11. Adequacy of the storage and safety measures taken in the solvent storage area particularly pertaining to ventilation concerns and hydrogenation process to be explained in EIA
12. Advantages and disadvantages of using palladium/carbon in the hydrogenation process instead of proposed ranney nickel duly considering the safety norms be explained
13. In the monitoring protocols of the ambient air, VOC to be incorporated
14. Solvent storage and maximum recovery of solvents to be explained with process
15. Green chemistry proposed in the process to be highlighted
16. List of banned chemicals and alternative chemicals to replace the banned chemicals to be provided

Accordingly the Sub Committee visited the site on 30.01.2017 and site visit report is as follows:

**Members visited:**

- |                         |          |
|-------------------------|----------|
| 1. Sri N Naganna        | Chairman |
| 2. Dr. B. S. Jaiprakash | Member   |
| 3. Sri H Srinivasaiah   | Member   |
| 4. Dr K C Jayaramu      | Member   |
| 5. Dr. K.B. Umesh       | Member   |
| 6. Sri. Subramany. M    | Member   |

**Officials present:**

1. Sri Rajanna. H.P                      Scientific Officer Gr.1

**Proponent and his representatives:**

1. Sri Doreraj from M/s. Somu Organo-Chem Pvt. Ltd.,
2. Sri. K.R. Sree Harsha, Environmental Consultant

**File under consideration:**

Expansion of Specialty Chemicals Manufacture Project at Shed No.C-29, C-30 & adjacent plots, Malur Village, Malur Taluk, Kolar District of M/s. Somu Organo-Chem Pvt. Ltd., at no.20, 29th Main, II Stage, I Phase, BTM Layout, Bangalore - 560076. (SEIAA 56 IND 2016)

During the 175th SEAC meeting held on 30<sup>th</sup> December 2016, the committee decided to visit the project site to understand the ground realities pertaining to environmental settings of the project.

Accordingly, the members of SEAC cited above visited the project site and made the following observations:

## **OBSERVATIONS:**

1. The site is located in the KSSIDC Industrial estate on south side of Malur town at a distance of about 3 km.
2. The industry is bounded by agricultural land on west side, chemical industry on north side and roads on east as well as south sides. A village by name Koorandalli is located on west side of the industry. Koorandalli village is having considerable human habitation with several civic amenities such as schools, religious places etc.,
3. The industry under discussion is basically a pharma product manufacturing industry, and in the process generates considerable quantity of effluent, but the industry has not provided and maintained an ETP for its use. As of today the industry is despatching the generated stored (four numbers of below the ground level concrete tanks) ETP to CETP maintained by Malur KIADB at regular intervals. The log book maintained and verified shows lot of inconsistencies.
4. There are three raw materials and finished goods storage places, out of these three, one is under reconstruction and two of them contained various solid chemical materials. The following are the micro observations;
  - a) All most all kinds of chemicals including the raw materials, spent solvents and intermediates, catalyst raney nickel, diesel, highly poisonous substance like Risorcinol, benzyl chloride etc; are stored without looking for their compatibility.
  - b) The labelling and the cautionary displays are not in accordance with the standards prescribed or as stipulated under the applicable legislations.
  - c) The raw material storage place suffers from effective cross ventilation.
  - d) The flooring is not in accordance with the standards or in consonance with the prescribed laws.
  - e) Presently the solvents are stored in drums and barrels.
5. There is lot of scope for improvement of cross ventilation at Hydrogenation section and the production blocks effective venting of flammable vapours.
6. A portion of the existing structure of the building was found demolished and the debris dumped within the site. (it was indicated by the proponent that the same was necessitated as that portion of the building had become dilapidated)
7. The proponent has submitted documents to the committee indicating 1419.94 Sqm (25.66%) of area has been earmarked for green belt which is factually in correct, there was hardly any greenery in the site.
8. The proponent has sought EC to manufacture Seven finished products and Twenty two drug intermediates, propose to store number of solvents and hazardous chemicals. Whereas the area available is only One Acre Twenty gunta's. The committee felt that the place available at the disposal of the proponent may not adequate to manufacture the proposed products even on campaign basis.

9. Presently the raw materials are being handled manually.
10. The proponent has not decided on the chemical process with clear-cut methodology for each of the product for which the EC has been sought. During the discussion no definite answers were given and they kept changing as the discussion progressed. Surprisingly they were not even sure of the P&I diagram.
11. The proponent has not applied his mind on the green chemistry. Presentation showed a high loss of solvent during the process and use of highly carcinogenic solvent such as Perchloroethylene and similar chemicals. When this was brought to the notice, the proponent agreed about the toxicity of the solvent but said that such losses are common in industries and that he will try to change the solvent at a later stage.
12. The committee also visited the site located on the opposite side of the industry across the road, the committee was told that the vacant site also belongs to the same proponent and measures around ½ an Acre. The committee noticed that three number of concrete pits are made ready to place solvent storage (below the ground) tanks, but this plot is neither included in the proposal nor the details furnished.
13. The committee felt he need to conduct a scientific Risk Assessment to evaluate the severity and the risk arising and to put mitigation process in place.
14. The proponent has not done scientific analysis of material balance and was not clear in his submission during the course of discussion as he could not account for the losses and wastes.
15. The committee was informed that the water requirement is being met through tankers in the water starved district like Kolar.

### **RECOMMENDATIONS:**

1. Finalise the products and the process flow chart with P&I diagram including solvent recovery unit and the same shall be reflected in detail in the EIA.
2. The material to product and product to waste ratio along with solvent losses shall be scientifically assessed and incorporated in the EIA.
3. Shall make a provision for a primary ETP and provide a scheme.
4. The chemical storage shall be only in accordance with OSHA standards or as prescribed under applicable provisions of law in force and shall be explained in detail.
5. The SDS of each chemical in use shall be procured from the manufacturer, maintained and furnished along with EIA.
6. The chemical storage facility must conform to the OSHA standards to ensure their safety and in minimizing their risk.
7. The adoption of green chemistry may be explained and they shall remove the usage of highly carcinogenic solvents and high risk catalyst like Raney Nickel, perchloro ethylene, EDC and similar other chemicals.
8. Shall undertake scientific Risk analysis and the mitigation measures shall be put in place with reference to the outcome of the risk report.



9. Due diligence shall be conducted with reference to building that was demolished and the area on which the debris are dumped.
10. Shall take a re look at the number products manufactured keeping in mind the inadequacy in the area available or is at the disposal of the proponent.
11. The R&D needs to be strengthened for continual improvement of their product quality and also reduction of waste generation and adoption of green chemistry.
12. Must ensure green belt as stated as per MoEF guidelines.
13. The resource for water shall be well defined and explained in EIA.
14. The impact of this industrial activity on its neighbouring industries and also Koorandalli shall be studied and incorporated in EIA.
15. Explain the GMP & SOP's to be followed for the present and future expansion.
16. The provision for effective cross ventilation shall be improved in the hydrogenation plant.

The committee perused the site visit report and accepted the same. The committee after discussion decided to forward the site visit report to issue additional site specific TORs.

Accordingly TORs were issued on 12-04-2017. The proponent has submitted the EIA report vide letter dated: 24-01-2020. The same was placed before 241<sup>st</sup> SEAC online meeting for EIA appraisal.

The proponent and consultant attended 241<sup>st</sup> SEAC meeting held on 23-04-2020 for EIA appraisal.

The project is located in the Notified KSSIDC layout. As far as the inadequacy of the site the proponent has stated that the present plot measuring 5785 Sqm, is the area after amalgamating two plots. In addition to that the proponent has stated that he has acquired additional two other plots and by this he has stated that he will carry out the activities mentioned in the EIA report.

The proposal is for B1 category and EIA report is based on the studies conducted on Jan, Feb and March-2017. The proponent has stated that he has made out on application for EIA appraisal well within the mandated 3years. During the appraisal it was noticed that Chloroform, Toluene are used as solvents and Raney nickel as catalyst. And during discussion the proponent has stated that he will go for alternatives to Chloroform and Raney nickel. And as far as Toluene is concerned, it is observed that the recovery is only 86% in one of the products, for which the proponent has stated that he will install additional condenser and bring the recovery more than 95%. And as far as Boiler fuel is concerned the proponent has stated that he will go for briquettes. The proponent has stated that he will use DG sets and he has agreed to go for CNG gen sets and more importantly he readily agreed to put up ETP in order to achieve ZLD instead of the present practice of sending effluents to the CETP.

As far as CER is concerned the proponent has stated that he will contribute Rs 10Lakhs to PM care account.

The committee after discussion and deliberation decided to recommend the project for issue of Environmental Clearance subject to submission of the following information to SEIAA.

- 1) Revised EMP incorporating proposed ETP along with flow chart.
- 2) Land use land cover map of study area may be carried out indicating agriculture and forest plantation separately.

The committee also imposed the following condition.

- 1) The Toxicity for In vitro and In vivo test for end product in which Toluene is used as a solvent shall be carried out
- 2) Raney nickel catalyst and chloroform solvent may be replaced by alternatives.
- 3) Install separate ETP instead of sending effluents to CETP in order to achieve ZLD.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

#### Fresh Projects

**241.2** Proposed Expansion of bulk drugs unit at Plot No.: 24, 25, 26 & 26P, K.I.A.D.B., Industrial Area, Raichur Growth Centre, Raichur Tq. & District, Chicksugur – 584 134, Karnataka by **M/s. Raichem Medicare Pvt. Ltd (SIA/KA/IND2/151310/2020) (SEIAA 11 IND 2020)**

Sl. No	PARTICULARS	INFORMATION
1	Name and Address of the Project Proponent	<b>“Modification of Bulk drugs and intermediates manufacturing unit”</b> 3/293, New Post Office road, Chikkaballapura, Karnataka
2	Name and Location of the Project	<b>M/s. Ram Rasayanic Pvt. Ltd</b> Plot No.:35, Chikkaballapura Industrial area, Chikkaballapura Taluk & District, Karnataka.
3	Co-ordinates of the Project Site	<b>Latitude:</b> 13°24'38.25"N <b>Longitude:</b> 77°43'47.91"E
4	Environmental Sensitivity	
	a. Distance From nearest Lake/ River/ Nala	Kandavara Lake at 1.7 km (NW)
	b. Distance from Protected area notified under wildlife protection act	--
	c. Distance from the interstate boundary	Karnataka– Andhra Pradesh interstate boundary – 39 Km (NW)

	d.	Whether located in critically / severally polluted area as per the CPCB norms	No															
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		Activity 5 (f) of Category-B															
6	New/ Expansion/ Modification/ Product mix change		Modification															
7	Plot Area (Sqm)		2029 Sqmt															
8	Built Up area (Sqm)																	
9	Component of developments		“Modification of bulk drugs and intermediates unit”															
10	Project cost (Rs. In crores)		Rs. 1 crores															
11	Details of Land Use (Sqm)																	
	a.	Ground Coverage Area	811															
	b.	Kharab Land	--															
	c.	Internal Roads	548															
	d.	Paved area	--															
	e.	Parking	--															
	f.	Green belt	670															
	g.	Others Specify	--															
	h.	Total	2029															
12	Products and By- Products with quantity (enclose as Annexure if necessary)		<table border="1"> <thead> <tr> <th>S.No</th> <th>Name of the product</th> <th>Quantity in MTPM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2 Mercapto Benzimidazole</td> <td>10</td> </tr> <tr> <td>2</td> <td>5,Methyl 2 Mercapto Benzimidazole</td> <td>10</td> </tr> <tr> <td>3</td> <td>5-Methoxy 2 Mercapto Benzimidazole</td> <td>15</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>35</b></td> </tr> </tbody> </table>	S.No	Name of the product	Quantity in MTPM	1	2 Mercapto Benzimidazole	10	2	5,Methyl 2 Mercapto Benzimidazole	10	3	5-Methoxy 2 Mercapto Benzimidazole	15	<b>Total</b>		<b>35</b>
S.No	Name of the product	Quantity in MTPM																
1	2 Mercapto Benzimidazole	10																
2	5,Methyl 2 Mercapto Benzimidazole	10																
3	5-Methoxy 2 Mercapto Benzimidazole	15																
<b>Total</b>		<b>35</b>																
13	Raw material with quantity and their source (enclose as Annexure if necessary)		Detailed in feasibility report															
14	Mode of transportation of Raw material and storage facility		The chemicals required for the process mostly bought from the local (indigenous) markets. Mode of transportation of all materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores															
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		Mode of transportation of coal to the project site is by road and will be stored in coal storage yard															
16	Fly ash production, storage and disposal details whereas coal is used as fuel		Coal ash from boiler will be stored in designated area and will sent to brick manufacturing industry															
17	Complete process flow diagram and technology employed		Detailed in feasibility report															

18	Details of Plant and Machinery with capacity/ Technology used		Wood fired Boilers: 100 kg/hr	
19	Details of VOC emission and control measures wherever applicable		--	
20	WATER			
	I. Construction Phase			
	a.	Source of water	KIADB	
	b.	Quantity of water for Construction in KLD	1 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	0.45 KLD	
	d.	Waste water generation in KLD	0.38 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in mobile toilet.	
	II Operational Phase			
	a.	Source of water	KIADB	
	b.	Total Requirement of Water in KLD	Fresh	--
			Recycled	--
			<b>Total</b>	<b>22.32 KLD</b>
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	20.97 KLD
			Recycled	--
			<b>Total</b>	<b>20.97 KLD</b>
	d.	Requirement of water for domestic purpose in KLD	Fresh	1.35 KLD
			Recycled	--
			<b>Total</b>	<b>1.35 KLD</b>
	e.	Waste water generation in KLD	Industrial effluent	17.63 KLD
			Domestic sewage	1.14 KLD
			<b>Total</b>	<b>18.77 KLD</b>
	f.	ETP/ STP capacity	The wastewater will be sent to Common effluent Treatment Plant	
	g.	Technology employed for Treatment	The wastewater will be sent to Common effluent Treatment Plant	
	h.	Scheme of disposal of excess treated water if any	Zero discharge	
21	Infrastructure for Rain water harvesting		Will be implemented	
22	Storm water management plan		Will be implemented	
23	Air Pollution			
	a.	Sources of Air pollution	DG set of capacity (Existing) – 62.5 KVA X 1 Boiler (Existing) – Wood fired Boilers: 100 Kg/hr	
	b.	Composition of Emissions	--	
	c.	Air pollution control measures proposed and technology employed	Scrubbers	
24	Noise Pollution			
	a.	Sources of Noise pollution	DG set, motors, compressor	
	b.	Expected levels of Noise pollution in	75 dB	

		dB	
	c.	Noise pollution control measures proposed	DG set will be installed with inbuilt acoustic enclosures.
25	WASTE MANAGEMENT		
	I.	Operational Phase	
	a.	Quantity of Solid waste generated per day and their disposal	The list of solid waste with their quantity is mentioned in PFR report
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	The list of hazardous waste with their quantity is mentioned in PFR report
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--
26	Risk Assessment and disaster management		Will be provided during EIA submission
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	Electricity-200 KVA Existing - 100 KVA Proposed – 100 KVA Source- BESCO
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Existing- 62.5 KVA X 1
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler – Wood fired DG set – HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	--
28	PARKING		
	a.	Parking Requirement as per norms	--
	b.	Internal Road width (RoW)	Approach road width- 7 m Internal road width – 5 m ( <b>min</b> )
29	Any other information specific to the project (Specify)		--

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 241<sup>st</sup> SEAC online meeting held on 23-04-2020 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

Application for this proposal is filed in B1 category bearing file number SEIAA11IND2020 and in view of the MoEF notification Dt. 27-03-2020 the proponent has filed another application under B2 category project.

The proponent has stated that he has collected the baseline data in response to the earlier application made out under B1 category. But the risk assessment which is very critical for this type of industries is not forthcoming, for which the proponent has stated that he will submit the same within 2 days taking into consideration worst case scenario and confining the disaster effects within his site area.

As far as CER is concerned the proponent has stated that he has earmarked Rs 175Lakhs and he will contribute the same to PM care account.

As far as certified EC compliance is concerned the proponent has stated that he is filing compliances regularly to Regional office MoEF and certification is expected within a short time.

The committee after discussion and deliberation decided to recommend the project for issue of Environmental Clearance subject to submission of the following information to SEIAA.

- 1) Risk severity mapping to be prepared for all the solvents and hazardous materials used in the process may be worked out and submitted especially in respect of storage tank failure and threat zone mapping.
- 2) Alternative methodologies to recover acids to a maximum extent may be explored, detailed and submitted.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**24<sup>th</sup> April 2020**  
**10:30 AM-11:15PM**

**241.3** Proposed Manufacturing of Bulk Drugs and Intermediates at Plot No.:263, Kadechur Industrial area, Yadagir Distirct, Karnataka. **by M/s. CIL Laboratories Pvt. Ltd (SIA/KA/IND2/151386/2020) (SEIAA 15 IND 2020)**

The proponent has submitted a letter on 23-04-2020 requesting the committee to consider their subject in the next meeting, as they are not able to attend this meeting due to some unavoidable circumstances.

The committee after discussion during 23-04-2020 meeting had decided to provide one more opportunity to the proponent with intimation that the proposal

will be appraised based on merit in his absence, in case he remains absent and deferred the project appraisal.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**241.4** Proposed Modification of Bulk drugs and intermediates manufacturing unit at Plot No.:35, Chikkaballapura Industrial area, Chikkaballapura Taluk & District, Karnataka by **M/s. Ram Rasayanic Pvt. Ltd (SIA/KA/IND2/151392/2020) (SEIAA 13 IND 2020)**

The proponent has submitted a letter on 23-04-2020 requesting the committee to consider their subject in the next meeting, as they are not able to attend this meeting due to some unavoidable circumstances.

The committee after discussion during 23-04-2020 meeting had decided to provide one more opportunity to the proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the project appraisal.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**241.5** Proposed Manufacturing of Bulk Drugs and Intermediates at Plot No.:19-B, Chikkaballapura Industrial area, Nandi Hobli, Chikkaballapura Taluk & District, Karnataka by **M/s. Banay Equipmenyts and Services Pvt. Ltd (SIA/KA/IND2/151430/2020) (SEIAA 14 IND 2020)**

The proponent has submitted a letter on 23-04-2020 requesting the committee to consider their subject in the next meeting, as they are not able to attend this meeting due to some unavoidable circumstances.

The committee after discussion during 23-04-2020 meeting had decided to provide one more opportunity to the proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the project appraisal.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

Secretary, SEAC  
Karnataka

Chairman, SEAC  
Karnataka