Letter No. Letter . APL - VI / Envi. 26 / 2023

Date: 22/11/2023

To,
Sub Regional office Tarapur –I
MIDC Office compound, Tarapur,
Boisar (W)Tal & Dist.Palghar
401504

SUB REGIONAL OFFICE
M. P. C. BOARD
M.I.D.C. COLONY COMPOUND
TARAPUR 401 504.
TAL & DIST. PALGHAR

28/11/23

Sub: Regarding the Half-Yearly EC Condition compliance report for the period of April 2023 to September -2023.

Ref: Environmental clearance granted vides Clearance No. SEIAA -EC - 0000000258 dated 26.04.2018.

Respected Sir,

In reference to the above mentioned subject, we are enclosing herewith the EC condition compliance Report for the period of October-2022 to March -2023 in respect to the above mentioned reference of Environment clearance for proposed expansion of industrial project at plot No. D 18 MIDC, Tarapur, Dist- Palghar. SEAC-I considered the project under screening category 5(f)-B of EIA Notification 2006.

Yours faithfully

For, Aarti Pharmalabs Limited

AARTI PHARMALABS LTD UNIT-VI TARAPUR

Authorized Signatory
(Aarti Pharmalabs Ltd. formerly known as Aarti Industries Ltd.)

Encl.
1. EC conditions compliance Report.
2. Copy of Environment Clearance
3. Copy of Consent to Operate

CC to:

1. Regional office (WCZ) Ministry of Environment, Forest and Climate Change, Nagpur-440001
2. The Member Secretary, Maharashtra Pollution Control Board , Sion, Mumbai .
3. Regional officer, Maharashtra Pollution Control Board, Thane.

AARTI PHARMALABS LIMITED
www.aartipharmalabs.com | CIN : U24100GJ2019PLC110964 | Email : info@aartipharmalabs.com
Factory : Unit - VI, Plot No. D - 18, M.I.D.C., Tarapur, Taluka & District - Palghar, PIN 401 506, Maharashtra, INDIA, T : +91 81490 65128 / 84460 05129
Admin Office : 204, Udyog Kshetra, 2nd Floor, Mulund - Goregaon Link Road, Mulund (W), Mumbai, PIN - 400 080, Maharashtra, INDIA

AARTI
PHARMALABS

Letter No. Letter . APL - VI / Envi. 23 / 2023 Date:21/11/2023

To,
Deputy Director
General of Forests (C),
Ministry of Environment Forest and Climate Change,
Regional Office (WCZ), Ground Floor,East Wing,
New Secretariat Building, Civil Lines,
Nagpur- 440001.

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1. The Member Secretary, Maharashtra Pollution Control Board , Sion, Mumbai .
2. Regional officer, Maharashtra Pollution Control Board, Thane.
3. Sub Regional office Tarapur –I, MIDC Office compound, Tarapur Boisar (W) 401504

M/s. Aarti Pharmalabs Ltd. (Unit - VI), Plot no.D 18 MIDC Tarapur.		
Compliance Report of Environmental Clearance File No.SEIAA-EC-0000000258		
Report for period of April 2023 To September 2023		
Sr. No.	**Specific Conditions:**	
I	The PP shall submit a detailed DMP with budget	Complied
Sr. No.	**General Conditions:**	Remark
I	PP to achieve Zero Liquid Discharge ; PP shall ensure that there is an increase in the effluent load to CETP.	The unit had become the Zero liquid discharge unit since 2017. The average daily generation of industrial effluent for the monitoring, water recycles, Being a ZLD unit, no effluent is sent to CETP for disconnection of drainage connection issued by MIDC.
II	The 73 TPH boiler should have a stack height of 68 m and flue gases shall be passed through an ESP of 99.9% efficiency before being led into the 68 m stack.	Typing error instead of 6 TPH it was typed as 73, & Stack height should be 34 Meter
III	No additional land shall be used/ acquired for any activity of the project without obtaining proper permission.	Followed it.
IV	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.	Required PEE like helmet, hand gloves, masks, ear plug, goggles, safety shoes, safety suits are provided to all workers and employees.
V	Proper Housekeeping programmers shall be implemented.	Industries are maintained with good housekeeping and System for segregation of Biodegradable and No biodegradable in separate bins and safe Disposal.

VI	In the event of the failure of any pollution control system adopted by the unit. the unit shall immediately stop the operation and shall not restarted the unit the desired efficiency has been achieved.	Industries are a provided arrangement Alarm system is provided to the scrubbers to identify the failure of scrubber blower and pump in order.
VII	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutants from DG set .	The unit has DG and is used as stand-by systems. The emission from DG is dispersed through the stack as per CPCB standards. Acoustic enclosures have been provided for the existing DG sets to mitigate the noise pollution. Stacks height provided are as follows. DG Set - 09 meters And online connected with MPCB and CPCB.
VIII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water .	We installed a 10 kl tank for the rain water harvesting facility and water used in the cooling tower.
IX	Arrangement shall be made that effluent and storm water does not get mixed.	Industries are a provided arrangement of separate storm pits and pumps.
X	Periodic monitoring of the ground water shall be undertaken and results analyzed to ascertain any change in the quality of water.Results shall be regularly submitted to the Maharashtra Pollution Control Board .	Industries are check ground water and analyzed last groundwater check on 19/10/2020
XI	Noise level shall be maintained as per standards. For people working in the high noise area requisite personal protective equipment like earplugs etc.shall be provided.	Required PEE, like ear plugs, is provided to all workers and employees.

XII	The overall noise level in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods,silencer,enclosure,etc.on the sources of noise generation.The Ambient noise shall conform to the standards prescribed under Environment (Protection) Act 1986 Rule 1989 .	The unit has been adequate as per MPCB Standard Noise level check regularly quarterly basis from MoEF Lab & in house. Ear plugs are provided to workers and Acoustic enclosures have been provided for DG set.
XIII	Green belt shall be developed and maintained around plant periphery. Green Belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultants with the local DFO/Agriculture Department .	Company has planted the trees e.g. Ashoka tree, gulmohar tree, palm tree , parizatak tree etc.
XIV	Adequate safety measures shall be provided to limit the risk zone within plant boundary incase of any accident . Leak detection devices shall also the installed at strategic places for early detection and warning .	Industries have identified risk zones and installed sensors at Ammonia, MMA Tank, Hydrocarbon and provided alarm systems.
XV	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per Factories Act.	Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act. Last medical checkup was done on 28 February 2023.
XVI	The company shall make the arrangement for protection of possible fire hazards during the manufacturing process in material handling.	The unit has provided a fire hydrant system within premises with water storage capacity of 400 m3.

XVII	The project authorities must comply with the rules and regulation with regards to handling and disposal of hazardous waste in accordance with the hazardous waste (Management and Handling Rule, 2003 (Amended). Authorization from the MPCB shall be obtained for collection/treatment /storage/disposal of Hazardous wastes.	The unit has obtained the permission from the MPCB CCA No. Issued on 19.04.2022 valid till 31.12.2024 for collection, storage and disposal of hazardous waste. The solid waste, Incinerable waste is disposed of to CHD-TSDF Taloja and is disposed of by co-processing. Our CHD TSDF membership No.MWML-HzR-TAR- 3502.
XVIII	Regular mock drills for the on site emergency management plan shall be carried out . Implementation of changes/ improvement required , if any in on site management plan shall be ensured.	Industries have conducted regular basis mock drills, Last Mock drills done on 24 January 2023.
XIX	A separate environment management cell with qualified staff be set up for implementation of the stipulated environmental safeguards.	Environment Cell / Committee will meet every quarter and will assess / suggest the Improvement on the environment as well as legal conditions of environment and will review the implementation.
XX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs shall be included as part of the project cost.These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department	Industries have installed Online stack monitoring instruments The criteria pollutant levels displayed near the main gate of the company are in the public domain.

XXI	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at https://ec.maharashtra.gov.	Environmental clearance and copies of clearance letters are available with the Maharashtra Pollution Control Board and may also be seen at the Website at https://ec.maharashtra.gov.
XXII	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	Half yearly compliance reports Submitted regular basis, last report submit on 15/05/2023
XXIII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Noted & Agreed.

XXIV	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 Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) or critical sectorai 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.	Environmental Monitoring is carried out quarterly in a MoEF approved laboratory. The criteria pollutant levels displayed near the main gate of the company are in the public domain.
XXV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Half yearly compliance reports Submitted regular basis, last report submit on 15/05/2023
XXVI	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 respective Regional Offices of MoEF by email.	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by Pollution Control Board as prescribed under the Environment last environment statement submitted on 17/06/2023

Shri. Santosh N. Mule

Industry Representative

(Aarti Pharmalabs Ltd. formerly known as Aarti Industries L'td.)

M/s. Aarti Pharmalabs Limited. (Unit - VI), Plot no.D 18 MIDC Tarapur
EC Complaince Report period of April 2023 - September 2023
Environmental Clearance File No.SEIAA-EC-0000000258

Sr. No.	EC General condition Details	Complince Status							Remarks
1	Name of the Project	Propossed Expantion of Synthetic organic chemicals manufacturing unit	Noted and Agreed.						
	Type of Institution	Private							
	Name of Project Proponent	M/s. Aarti Pharmalabs Limited (Unit - VI)							
	Name of Consultant	Aditya Enviromental Services pvt.ltd							
	New project Expansion in existing project / Modernazation /Diversification in existing project	Expansion in the existing project ( )							
	Location details of the project:	Plot No. D - 18 ,, MIDC Tarapur							
	Taluka:	Palghar							
	Village:	Boisar							
	Are of the project:	Tarapur MIDC							
	IOD/IOA/Concession /Plan Approverl Number	MIDC plot Approval Approved Built Up Area : 8323							
	LOI/NOC/IOD from MHADA/Other approvels	MIDC plot plan Approval							
	Total plot area (sq.m.)	20,000 sq.m							
2	Production Details	Actual Production Quntity in M.T.							
		Consent Limit	April 2023	May 2023	June 2023	July 2023	August 2023	September 2023	
1	Sulphuric Acid/Oleum25%/Oleum65%/ Liquid SO3 (Sulphuric anhydride	6000 MT/M	4850	1985	306	4707	6042	5235	Complied : Production Quantities are within the EC limit
2	Dimethyl Sulphate (DMS)	2500 MT/M	1826	620	0	1476	998	1521	
3	Diethyl Sulphate (DES)	700 MT/M	348	97	0	335	392	296	
4	Diemethyl Urea (DMU)	600 MT/M	198	246	338	133	224	170	
5	Monomethyl Urea(MMU)	100 MT/M	0	0	0	0	0	0	
6	Sodium Venyl Sulphonate (SVS)	300 MT/M	23	26	0	52	91	102	
7	Cyano Acitic Acid (CAA)	250 MT/M	0	0	0	0	0	0	
8	Cyano Acetyl Methyl Urea (CAMU)	50 MT/M	0	0	0	0	0	0	
9	Nitrosouracil	300 MT/M	0	0	0	0	0	0	
10	Di Methyl Aniline	518 MT/M	0	0	0	0	0	0	
11	Captive Power Plant	500 MT/M	0	0	0	0	0	0	

3			April 2023	May 2023	June 2023	July 2023	August 2023	September 2023		
	Total Water Requirement:	38502 m3/month	12116	6630	3130	10410	11240	12070		Complied: Water coansumption Data And as per MIDC Bill.
	1242 m3/day									
	Fresh water (CMD):662 Source: MIDC, Tarapur.									
	Use of Water:		Water Consumption CM/D							
	Domestic :- 9 CMD		403.87	213.87	104.33	335.81	362.58	402.33		
	Others (CMD):Industrial: 114 CMD									
	Cooling Water (CMD): 615 CMD									
	Green Belt (CMD): 8 CMD									
4	**Rain Water Harvesting**		We installed a 10 kl tank for the rain water harvesting facility and water used in the cooling tower .							Complied
5	**Sewage And Waste water**	Sewage Generation in KLD :8 m3/day	Unit has installed STP (cap 20 m3/day) to treat the domestic waste water and reusing for gardening.Through STP 08 m3/day water is treated and reused for gardening purposes.							Complied
6	**Solid Waste Managment**	**Hazardus Waste Disposal**	**Consent Limit**	**Actual Waste Generation :**						
				April 2023	May 2023	June 2023	July 2023	August 2023	September 2023	Comlpied. "The unit has obtained the permission from the MPCB CCA No.Issued on 19/04/2022 valid till 31.12.2024 for collection, storage and disposal of hazardous waste.The solid waste, Incinerable waste is disposed to CHD-TSDF (Membership MWML-HZW-3502) Taloja and, is disposed co-processing.
		Residue/sludge & filter cake (17.1)	6 MT/A	0.000	0.000	0.000	0.120	0.000	0.120	
		Spent Catalyst (17.2)	0.255 MT/A	0.000	0.000	0.000	0.000	0.000	0.000	
		Spent Carbon (28.3)	25 MT/A	0.000	0.000	0.000	0.120	0.160	0.175	
		Discarded Centrifuge	1 MT/A	0.000	0.020	0.000	0.000	0.120	0.120	
		ETP Sludge (35.3)	100 KG/M	87	69	93	91	61	100	
		Salts of MEE (37.3)	330 MT/A	2.411	3.482	12.807	3.222	3.052	3.048	
		Spent Acid from DMS (28.1)	53 MT/M	40.605	26.150	0.000	32.692	30.378	37.000	

		Spent Acid from DES (28.1)	1199 MT/M	417.560	172.494	0.000	388.085	421.602	468.000		Comlpied. "The unit has obtained the permission from the MPCB CCA No.Issued on 19/04/2022 valid till 31.12.2024 for collection, storage and sale to authorized party pre-processing. (As By Product)
		Liq Ammonia 20% (28.1)	1305 MT/M	310.000	347.430	320.840	218.000	378.000	256.000		
		Ammonium Sulphate (28.1)	1488 MT/M	0.000	0.000	0.000	0.000	146.350	61.000		
		Sodium Sulphate (28.1)	110 MT/M	0.000	50.000	0.000	0.000	35.700	15.000		
		Acetic Acid 95% (28.1)	138 MT/M	0.000	0.000	0.000	0.000	0.000	0.000		
		Acetic Acid 35% (28.1)	64 MT/M	0.000	0.000	0.000	0.000	0.000	0.000		
7	Effluent Charectrestics	**Parameters**	**Consent Limit**	**Unit**	**April 2023**		**July 2023**				Complied . As per compliance of ZLD flow meters and camera available and online monitored with MPCB and CPCB. Effluent quality monitoring is done quarterly by MoEF approved laboratory (GREEN ENVIROSAFE Engineers & Consultant Pvt. Ltd., Pune)." The unit had become the Zero liquid discharge unit since 2018. Being a ZLD unit, no effluent is sent to CETP for disconnection of drainage connection issued by MIDC.
		pH	5.5-9.0	---	7.13		7.22				
		Total Suspended Solids	<-100	mg/l	55		61				
		Total Dissolves Solids	<_2100	mg/l	1400		1420				
		COD	<_250	mg/l	223		228				
		BOD	<_100	mg/l	69		65				
		Chlorides	<_600	mg/l	70		62				
		Sulphates as SO4	<_1000	mg/l	72		74				
		Oil & Grease	<_10	mg/l	BDL		BDL				

<table>
<tr>
<td>8</td>
<td>Occupational health surveillance</td>
<td>
Occupational health surveillance of the workers is carried out on half yearly basis and records are maintained as per the factory act. Last medical checkup has been done in
Following check up has been carried in periodical medical checkup.
- General checkup (height, weight, pulse, BP etc)
-Blood test (RBC, WBS, hemoglobin, platelets, blood group, differential count etc)
- Urine test (physical, chemical and microbial examination etc)
- Vision test
- Pulmonary function test, etc.
Details of health surveillance of the workers is given below:
<table>
<tr><td>Date of surveillance</td><td>Total number of employees</td></tr>
<tr><td>28/02/2023</td><td>312 Nos</td></tr>
</table>
</td>
<td>Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act. Last medical checkup has be done on 28 February 2023.</td>
</tr>
<tr>
<td>9</td>
<td>Stack Emission Details.</td>
<td>
Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory. Details are given below:
<table>
<tr><th>Sr. No.</th><th>Stack Details</th><th>Parameter</th><th>Stack height(m)</th><th>MPCB Standard</th><th>April 2023</th><th>July 2023</th></tr>
<tr><td rowspan="3">1</td><td rowspan="3">DG Set 500 KVA</td><td>SO2</td><td rowspan="3">4</td><td>50 mg/Nm3</td><td>63.48</td><td>61.432</td></tr>
<tr><td>TPM</td><td>150 mg/Nm3</td><td>38.17</td><td>32.12</td></tr>
<tr><td>NOx</td><td>50 mg/Nm3</td><td>0.365</td><td>0.359</td></tr>
<tr><td rowspan="4">2</td><td rowspan="4">Scrubber Process Reactor ACID</td><td>TPM</td><td rowspan="4">45</td><td>150 mg/Nm3</td><td>BDL</td><td>BDL</td></tr>
<tr><td>SO2</td><td>50 mg/Nm3</td><td>34.48</td><td>31.52</td></tr>
<tr><td>NOx</td><td>50 mg/Nm3</td><td>BDL</td><td>BDL</td></tr>
<tr><td>Acid mist</td><td>90 mg/Nm3</td><td>5.74</td><td>4.62</td></tr>
<tr><td rowspan="3">3</td><td rowspan="3">Boilar (6 Ton /hr.)</td><td>TPM</td><td rowspan="3">34</td><td>150 mg/Nm3</td><td>75.28</td><td>68.1</td></tr>
<tr><td>SO2</td><td>600 mg/Nm3</td><td>12.98</td><td>12.08</td></tr>
<tr><td>NOx</td><td>50 mg/Nm3</td><td>6.85</td><td>7.35</td></tr>
<tr><td rowspan="3">4</td><td rowspan="3">Stack Thermo Pac (4 Lac KcalHr)</td><td>TPM</td><td rowspan="3">22</td><td>150 mg/Nm3</td><td>65.79</td><td>62.72</td></tr>
<tr><td>SO2</td><td>50 mg/Nm3</td><td>38.49</td><td>36.42</td></tr>
<tr><td>NOx</td><td>50 mg/Nm3</td><td>3.27</td><td>2.22</td></tr>
<tr><td></td><td></td><td>TPM</td><td></td><td>150 mg/Nm3</td><td>BDL</td><td>BDL</td></tr>
</table>
</td>
<td>Complied .
Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB.</td>
</tr>
</table>

		5	Stack DMS plant (so2 Scrubber)	SO2	9	50 mg/Nm3	29.14	25.19	
				NOx		50 mg/Nm3	BDL	BDL	
		6	Stack DES plant (so2 Scrubber)	TPM	9	150 mg/Nm3	BDL	BDL	
				SO2		50 mg/Nm3	31.28	28.2	
				NOx		50 mg/Nm3	BDL	BDL	
		7	Stack DMU Plant (NH3 Scrubber)	TPM	12	150 mg/Nm3	BDL	BDL	
				SO2		50 mg/Nm3	31.38	29.32	
				NOx		50 mg/Nm3	BDL	BDL	
		8	Ammonium Sulphate	TPM	12	150 mg/Nm3	8.1	6.7	
				SO2		50 mg/Nm3	8.23	8.4	
				NOx		50 mg/Nm3	0.057	0.058	
		9	Sodium Vinayl Salphonate	TPM	9	150 mg/Nm3	BDL	BDL	
				SO2		50 mg/Nm3	22.15	19.1	
				NOx		50 mg/Nm3	8.45	5.42	
10	**Work Zone Ambient Air Quality Monitoring.**	Ambient Air quality monitoring is carried out at one location each situated in upwind and downwind direction quarterly by MoEF approved laboratory, Analysis report for Ambient Air is attached as **Annexure**							Complied . Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB.
		Sr. No.	**Station**	**Parameter**	**MPCB Standard µgm/Nm3**	**April 2023**		**July 2023**	
		1	Near Main Gate	PM 10	100	46.23		44.2	
				PM 2.5	60	15.34		13.27	
				SO2	80	7.99		9.85	
				NOx	80	5.16		7.2	
		2	Near MMA Yard	PM 10	100	59.2		56.26	
				PM 2.5	60	26.14		24.1	
				SO2	80	9.67		11.6	
				NOx	80	2.36		3.3	
		3	Near D.G.Set	PM 10	100	55.19		52.1	
				PM 2.5	60	24.15		21.12	
				SO2	80	10.65		12.42	
				NOx	80	8.3		7.36	

11	**Work Zone Ambient Air Quality Monitoring.**	Fugitive emissions in the work zone environment, product and raw materials storage areas are monitored quarterly by MoEF approved laboratory. the Work zone Air Analysis report is attached as **Annexure -**	Complied . Gaseous emission quality monitoring is done quarterly by MoEF approved laboratory . Online Stack Emission monitoring system available having connectivity with MPCB and CPCB.

Sr. No.	Plant	Parameter	Prescribe Limit	April 2023 Results of VOC in PPM	July 2023 Results of VOC in PPM
1	In Acid Plant	SPM	N.S.	26.39	24.3
		SO2	<_5000	16.24	13.2
		NOx	<_6000	BDL	BDL
2	In DMS Plant	SPM	N.S.	39.16	36.12
		SO2	<_5000	16.24	13.2
		NOx	<_6000	BDL	BDL
		DMS	---	1.5	1.03
		Methanol	<_200	2.85	2.75
3	In DES Plant	SPM	N.S.	41.6	38.52
		SO2	<_5000	19.11	17.1
		NOx	<_6000	BDL	BDL
		Ethanol	<_1000	1.56	1.85
4	In DMU Plant	SPM	N.S.	36.49	34.42
		SO2	<_5000	21.3	19.38
		NOx	<_6000	BDL	BDL
		Ammonia	<_25	4.6	3.72

		In built Acoustic enclosure,and insulation are provided on all source of noise generation to keep overall noise level within the stipulated standards like DG set. Noise levels monitoring is done every quarterly by MoEF approved laboratory Noise Monitoring reports are given					The unit has been adequate as per MPCB Standard Noise level check
			Minimum value	MPCB Standard Limit	Mean value	MPCB Standard Limit	
		Day Time dB(A)					
Sr.No.		April 2023		July 2023			
1	Near Main Gate	65.2	75	66.1	75		
2	Near ETP Area	71.5	75	70.2	75		

12	Noise Monitoring		3	Near Boiler House		72.1	75	71.4	75		regularly quarterly basis from MoEF Lab & in house . Ear plugs are provided to workers and Acoustic enclosures have been provided for DG set.
			4	Production Hall		71.8	75	70.6	75		
			5	Near D.G. Set		70.8	75	71.1	75		
				Night Time dB(A)							
			1	Near Main Gate		60.5	70	61.3	70		
			2	Near ETP Area		64.5	70	65.1	70		
			3	Near Boiler House		67.8	70	68.4	70		
			4	Production Hall		66.3	70	67.2	70		
			5	Near D.G. Set		67.5	70	66.9	70		
13	Fuel Consumption :-	Type of fuel	Limit KG/M	April 2023	May 2023	June 2023	July 2023	August 2023	September 2023		Complied . As per Consumption register book it is under limit
		Coal	864000	106506	225700	270900	187580	119880	127960		
		Furnace Oil	15120	10910	3868	3378	11900	9390	4870		
		Deisel (HSD)	15120	1	1	9.43	1	1	1		
14	Energy :- Source of Power supply	Power requirement									Complied . As per Power Consumption Unit or MECB Bill
				April 2023	May 2023	June 2023	July 2023	August 2023	September 2023		
		MSEDCL		736590	420180	290150	832010	775540	703910		
		Tubaine Set power back up 500KVA		218860	77870	0	87540	105017	197440		
		Air pollution from boiler TFH		Dust collector ,bag filter and Process scrubber							Complied. Dust collector ,bag filter, scrubber
		Water pollution from process and utilities		ETP Plant ,RO unit and MEE unit							The unit had become the Zero liquid discharge unit since 2017. The average daily generation of industrial effluent for the monitoring , water recycle ,Being a ZLD unit, Unit has installed ETP Plant ,RO unit and MEE unit.

15	**Details of pollution control system:- Source**	Noise pollution	Enclosure / PPE	Complied. Acoustic enclosures have been provided for the DG sets to mitigate the noise pollution and ear plug provided to workers.
		Solid Waste	Disposed to CHWTSDF / Recycle (MWML) & Authorized Co-processor	Complied. Hazardus waste Disposed to CHWTSDF / Recycle, Hazardus waste Membership Available. Membership No. MWML - HzW-TAR- 3502
16	**Storage of Chemicals (inflamble/explosive/hazardus/toxic substance)**	Hazardous chemicals shall be stored in tanks, farms, drums, carboys etc. Flame arresters shall be provided on tank farms. Solvent transfer shall be by pumps.	All Hazardous chemicals have been stored in the tanks with breather valves and flame arrester and materials transferred through sealed pumps.	Complied.

AARTI PHARMALABS LTD. UNIT-VI * TARAPUR *

Shri. Santosh N. Mule
Industry Representative
(Aarti Pharmalabs Ltd. formerly known as Aarti Industries Ltd.)

सत्यमेव जयते

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date:April 26, 2018

To,
Aarti Industries Limited - (SPACK Division)
at Plot No. D-18 MIDC Tarapur, Palghar

Subject: Environment Clearance for Proposed Expansion of Synthetic organic chemicals manufacturing unit by Aarti Industries Limited - (SPACK Division) at Plot No. D-18 MIDC Tarapur, Palghar

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 126th meetings.

2. It is noted that the proposal is considered by SEAC-I under screening category 5(f)- B as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

1.Name of Project	Proposed Expansion of Synthetic organic chemicals manufacturing unit by Aarti Industries Limited - (SPACK Division) at Plot No. D-18 MIDC Tarapur, Palghar
2.Type of institution	Private
3.Name of Project Proponent	Aarti Industries Limited - (SPACK Division)
4.Name of Consultant	Aditya Environmental Services pvt. Ltd.
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion of existing facility
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Plot No. D-18 MIDC Tarapur, Palghar
9.Taluka	Palghar
10.Village	Boisar
11.Area of the project	Tarapur MIDC
12.IOD/IOA/Concession/Plan Approval Number	MIDC approval
	IOD/IOA/Concession/Plan Approval Number: MIDC plot plan approval
	Approved Built-up Area: 8323
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC plot plan approval
15.Total Plot Area (sq. m.)	20,000 sq. m.
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**FSI area (sq. m.):** Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): Not applicable
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	Not applicable

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	300000000

22.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sulphuric acid/ Oleum 25%/ Oleum 65%/ Liquid SO3 (Sulphuric anhydride)	4050	1950	6000
2	Dimethyl sulphate (DMS)	500	1500	2000
3	Diethyl sulphate (DES)	300	900	1200
4	Dimethyl Urea (DMU)	140	460	600
5	Monomethyl urea (MMU)	0	100	100
6	Sodium vinyl sulphonate	0	300	300
7	Cyano acetic Acid (CAA)	0	500	500
8	Cyano Acetyl Methyl Urea (CAMU)	0	300	300
9	Nitrosouracil/ Uracil	0	300	300
10	Dimethyl Aniline	18	0	18
11	Captive Power	500 KW	–	500 KW
12	Spent acid (from DMS) [BY-product]	30	15	45
13	Spent acid (from DES) [BY-product]	300	1760	2060
14	20% Liquor Ammonia [BY-product]	300	1005	1305
15	Ammonium sulphate [BY-product]	0	2550	2550
16	Sodium sulphate [BY-product]	0	110	110
17	95% Acetic Acid [BY-product]	0	318	318
18	35% Acetic Acid [BY-product]	0	111	111

23.Total Water Requirement

Dry season:	**Source of water**	MIDC
	Fresh water (CMD):	771 cmd
	Recycled water - Flushing (CMD):	–
	Recycled water - Gardening (CMD):	–
	Swimming pool make up (Cum):	–
	Total Water Requirement (CMD) :	1281 cmd
	Fire fighting - Underground water tank(CMD):	--
	Fire fighting - Overhead water tank(CMD):	–
	Excess treated water	–

Wet season:	Source of water	–
	Fresh water (CMD):	–
	Recycled water - Flushing (CMD):	–
	Recycled water - Gardening (CMD):	–
	Swimming pool make up (Cum):	–
	Total Water Requirement (CMD) :	–
	Fire fighting - Underground water tank(CMD):	–
	Fire fighting - Overhead water tank(CMD):	–
	Excess treated water	–
Details of Swimming pool (If any)	Not applicable	

24.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	7	2	9	2	0	2	5	2	7
Industrial Process	24	76	100	24	2	26	0	74	74
Cooling tower & thermopack	407	757	1164	260	472	735	144	285	429
Gardening	3	5	8	3	5	8	0	0	0

25.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Details given in EIA report.
	Size and no of RWH tank(s) and Quantity:	Details given in EIA report.
	Location of the RWH tank(s):	Eastern side of plot
	Quantity of recharge pits:	Details given in EIA report.
	Size of recharge pits :	Details given in EIA report.
	Budgetary allocation (Capital cost) :	10 Lakh
	Budgetary allocation (O & M cost) :	2 Lakhs per Annum
	Details of UGT tanks if any :	Not applicable

26.Storm water drainage	**Natural water drainage pattern:**	-
	Quantity of storm water:	-
	Size of SWD:	-

27.Sewage and Waste water	**Sewage generation in KLD:**	7 cmd
	STP technology:	Not Applicable. Sewage water will be treated in combined Effluent treatment plant.
	Capacity of STP (CMD):	Not Applicable.
	Location & area of the STP:	Not Applicable.
	Budgetary allocation (Capital cost):	Not Applicable.
	Budgetary allocation (O & M cost):	Not Applicable.

28.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Minor quantity of debris will be generate during construction phase.
	Disposal of the construction waste debris:	Construction debris will be disposed off safely as per norms.
Waste generation in the operation Phase:	Dry waste:	Fly Ash: 1.5 TPM (Existing) & 270 TPM (proposed addition)
	Wet waste:	--
	Hazardous waste:	Residue/ sludge and filter cake, Spent catalyst, Spent carbon, ETP sludge, Discarded centrifuge bags/Filter cloth, Salts from MEE
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Fly ash will be sell to brick manufacturer.
	Wet waste:	--
	Hazardous waste:	Hazardous waste will be safely disposed off as per Hazardous waste rule, 2016.
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Area requirement:	Location(s):	On East side of plot
	Area for the storage of waste & other material:	Details given in EIA report
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	5 Lakh
	O & M cost:	100 Lakhs per Annum

29.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	6-9	6.5-9	6.5-9
2	Chemical Oxygen Demand	mg/L	2500-3000	<250	250
3	Biological Oxygen Demand	mg/L	1000-1500	<100	100
4	Total Dissolved solids	mg/L	1100-1200	<2100	2100
5	Total Suspended solids	mg/L	150-200	<100	100
6	Oil & Grease	mg/L	<10	<10	10
7	Chlorides	mg/L	250-300	<600	600
8	Sulphates	mg/L	250-300	<1000	1000

Amount of effluent generation (CMD):	510 cmd effluent
Capacity of the ETP:	13 cmd to ETP plant, 115 cmd to RO unit, 44 cmd to MEE unit
Amount of treated effluent recycled :	510 cmd
Amount of water send to the CETP:	5 cmd
Membership of CETP (if require):	Yes
Note on ETP technology to be used	Oil & Grease trap > Equalization tank > Pre-treatment tank > Pri. clarifier > Aeration tank > Sec. clarifier > Sand filter > Activated carbon filter > Treated water tank
Disposal of the ETP sludge	ETP sludge will be disposed off in CHWTSDF.

30.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Residue/ sludge and filter cake	17.1	TPA	5	1	6	Sell to CHWTSDF
2	Spent catalyst	17.2	TPA	250	5	255	sell to CHWTSDF
3	Spent carbon	28.3	TPA	0	500	500	sell to CHWTSDF
4	ETP sludge	35.3	TPA	50	50	100	sell to CHWTSDF
5	Discarded centrifuge bags/Filter cloth	33.1	TPA	0	6	6	sell to CHWTSDF
6	Salts from MEE	35.3	TPA	0	330	330	Reuse or Recycle.

31.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	6 TPH Boiler	Coal: 1200 kg/hr	1	34	0.8	152
2	4 Lac kcal/Hr	Furnace oil: 21 kg/hr	2	22	0.4	145
3	H2SO4 plant stack	–	3	45	0.85	50
4	Sulphonation reactor	–	4	9	0.15	43
5	DES reactor	–	5	9	0.15	34
6	Sodium Vinyl Sulphonate plant stack	–	6	9	0.15	35
7	DMU/ MMU plant stack	–	7	12	0.15	30
8	Ammonium sulphate	–	8	12	0.15	30
9	500 KVA DG set (existing)	HSD: 10 KL per annum	9	4	0.25	–
10	1500 KVA DG set (proposed)	HSD: 20 KL per annum	10	as per norms	as per norm	–

32.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	300 TPM	600 TPM	900 TPM
2	Furnace oil	20 TPM	15 TPM	35 TPM
3	HSD	10 KL per annum	20 KL per annum	30 KL per annum
Source of Fuel		From nearby vendor		
Mode of Transportation of fuel to site		By road		

33.Energy

Power requirement:	**Source of power supply :**	from MSEDCL
	During Construction Phase: (Demand Load)	During construction phase power requirement will be fulfill from existing facility.
	DG set as Power back-up during construction phase	500 KVA
	During Operation phase (Connected load):	2500 KW
	During Operation phase (Demand load):	2500 KW
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	DG set 1500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

34.Energy saving by non-conventional method:

–

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	–	–

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air pollution from Boiler, TFH	Dust collector/ bag filter, Scrubber	Dust collector/ bag filter
Water pollution from Process, Utilities	ETP plant	RO unit, MEE unit
Noise pollution	Enclosure/ PPE	Enclosure/ PPE
Solid waste	Disposed to CHWTSDF/ Recycler	Disposed to CHWTSDF/ Recycler

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	–
	O & M cost:	–

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	–	–	–

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution control	Dust collector, Scrubber	35	3
2	Water Pollution control	RO unit, MEE unit	500	50
3	Noise Pollution control	Enclosure, PPE	3	1

4	Environment Monitoring/management	Monitoring, Online monitoring system	10	7
5	Occupational Health & Safety	PPE, Safety system	1	6
6	Green Belt Development	Green belt	1	3
7	Hazardous waste & Solid waste management	Storage, secure Disposal, Recycle	5	100
8	Rain water harvesting	RWH system	10	2

39.Storage of chemicals (inflamable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Methanol	Existing	details given in EIA report	75 KL	75 KL	details given in EIA report	details given in EIA report	details given in EIA report
Ethanol	Existing	details given in EIA report	75 KL	75 KL	details given in EIA report	details given in EIA report	details given in EIA report
MMA -1	Existing	details given in EIA report	9.9 KL	9.9 KL	details given in EIA report	details given in EIA report	details given in EIA report
MMA -2	Existing	details given in EIA report	9.9 KL	9.9 KL	details given in EIA report	details given in EIA report	details given in EIA report
MMA -3	Existing	details given in EIA report	9.9 KL	9.9 KL	details given in EIA report	details given in EIA report	details given in EIA report
SO-3	2 Nos. of Existing	details given in EIA report	18 MT each	18 MT	details given in EIA report	details given in EIA report	details given in EIA report
DMS-1	Existing	details given in EIA report	75 KL	75 KL	details given in EIA report	details given in EIA report	details given in EIA report
DMS-2	Existing	details given in EIA report	58 KL	58 KL	details given in EIA report	details given in EIA report	details given in EIA report
DES-1	Existing	details given in EIA report	100 KL	100 KL	details given in EIA report	details given in EIA report	details given in EIA report
DES- 2 (ISO tank)	Existing	details given in EIA report	20 KL	20 KL	details given in EIA report	details given in EIA report	details given in EIA report
DES-3 (ISO tank)	Existing	details given in EIA report	17.5 KL	17.5 KL	details given in EIA report	details given in EIA report	details given in EIA report
DES-4 (ISO tank)	Existing	details given in EIA report	17.5 KL	17.5 KL	details given in EIA report	details given in EIA report	details given in EIA report
Sulphuric acid	Existing	details given in EIA report	500 MT	500 MT	details given in EIA report	details given in EIA report	details given in EIA report
Sulphuric acid	Existing	details given in EIA report	250 MT	250 MT	details given in EIA report	details given in EIA report	details given in EIA report
Sulphuric acid	2 Nos. of Existing	details given in EIA report	300 MT each	300 MT each	details given in EIA report	details given in EIA report	details given in EIA report
Oleum (25%)	Existing	details given in EIA report	100 MT	100 MT	details given in EIA report	details given in EIA report	details given in EIA report
Oleum (65%)	Existing	details given in EIA report	100 MT	100 MT	details given in EIA report	details given in EIA report	details given in EIA report

Liquor Ammonia (20%)-1	Existing	details given in EIA report	20 KL	20 KL	details given in EIA report	details given in EIA report	details given in EIA report
Liquor Ammonia (20%)-2	Existing	details given in EIA report	15 KL	15 KL	details given in EIA report	details given in EIA report	details given in EIA report
Caustic Lye	Existing	details given in EIA report	15 KL	15 KL	details given in EIA report	details given in EIA report	details given in EIA report
Ammonia	Existing	details given in EIA report	cylinders	--	details given in EIA report	details given in EIA report	details given in EIA report
Dimethyl sulphate	Proposed	details given in EIA report	130 KL	130 KL	details given in EIA report	details given in EIA report	details given in EIA report
SVS 25% solution	Proposed	details given in EIA report	20 KL	20 KL	details given in EIA report	details given in EIA report	details given in EIA report
Acetone	Proposed	details given in EIA report	16 KL	16 KL	details given in EIA report	details given in EIA report	details given in EIA report
Ethanol	Proposed	details given in EIA report	75 KL	75 KL	details given in EIA report	details given in EIA report	details given in EIA report
Methanol	Proposed	details given in EIA report	75 KL	75 KL	details given in EIA report	details given in EIA report	details given in EIA report
Acetic anhydride	Proposed	details given in EIA report	100 MT	100 MT	details given in EIA report	details given in EIA report	details given in EIA report
Caustic lye	Proposed	details given in EIA report	40 MT	40 MT	details given in EIA report	details given in EIA report	details given in EIA report
Acetic Acid 95%	Proposed	details given in EIA report	100 KL	100 KL	details given in EIA report	details given in EIA report	details given in EIA report
Acetic Acid 35%	Proposed	details given in EIA report	50 KL	50 KL	details given in EIA report	details given in EIA report	details given in EIA report
30 % HCL	Proposed	details given in EIA report	20 KL	20 KL	details given in EIA report	details given in EIA report	details given in EIA report

40.Any Other Information

No Information Available

	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5(f)- B
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	05-10-2016

3. The proposal has been considered by SEIAA in its 126th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	The PP shall submit a detailed DMP with budget

General Conditions:

I	(i)PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
II	73 TPH boiler should have stack height of 68m and flue gases shall be passed through an ESP of 99.9% efficiency before being led into the 68 m stack
III	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
IV	PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
V	Proper Housekeeping programmers shall be implemented.
VI	In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
VII	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
VIII	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
IX	Arrangement shall be made that effluent and storm water does not get mixed.
X	Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
XI	Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
XII	The overall noise levels in and around the plant are 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 shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
XIII	Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XIV	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
XV	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
XVI	(The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
XVII	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
XVIII	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.

XIX	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XX	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
XXI	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at http://ec.mpharashtra.gov.in
XXII	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
XXIII	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
XXIV	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 Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO2, NOx (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.
XXV	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
XXVI	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 respective Regional Offices of MoEF by e-mail.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune),New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Shri Satish.M.Gaval (Member Secretary SEIAA)

Copy to:

1. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE, CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. REGIONAL OFFICE MIDC TARAPUR
10. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
11. COLLECTOR OFFICE PALGHAR

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: ast@mpcb.gov.in

Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

RED/L.S.I (R25)
No:- Format1.0/AS(T)/UAN No.MPCB-CONSENT-0000124079/CR/2204001256

Date: 19/04/2022

To,
AARTI INDUSTRIES LIMITED (SPACK DIVISION)
PLOT NO. D-18,SHIVAJI NAGAR ROAD
PALGHAR,Palghar-Palghar

Your Service is Our Duty

Sub: **Grant of Renewal of Consent to Operate under Red/LSI category.**

Ref:
1. Amendment in Consent to Operate for change in product mix accorded by the Board Vide No. Format 1.0 /BO/ AST/UAN No. 0000107143 /O/CC -2111001080, Date.25.11.2021, Valid upto 31.12.2021.
2. Environmental Clarence granted vide No. SEIAA -EC -0000000258, Date. 26.04.2018.

Your application No.MPCB-CONSENT-0000124079 Dated 21.10.2021

For: Grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 31/12/2024**
2. **The capital investment of the project is Rs.45.0 Crs. (As per undertaking submitted by pp Existing CI is-Rs. 45.0 Crs + Expansion/Increase in C.I. - Rs. 0.0 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Sulphuric acid/ Oleum 25%/ Oleum 65%/ Liquid SO3 (Sulphuric anhydride)	6000	MT/M
2	Di Methyl Sulphate (DMS)	2500	MT/M
3	Di Ethyl Sulphate (DES)	700	MT/M
4	Di Methyl Urea (DMU)	600	MT/M
5	Monomethyl Urea (MMU)	100	MT/M
6	Sodium Vinyl Sulphonate (SVS)	300	MT/M

Sr No	Product	Maximum Quantity	UOM
7	Cyano Acetic Acid (CAA)	250	MT/M
8	Cyano Acetyl Methyl Urea (CAMU)	50	MT/M
9	Nitrosourasil	300	MT/M
10	Di Methyl Aniline	518	MT/Day
11	Captive Power Plant	500	KW/Day

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	145	As per Schedule-I	Recycle 100% to achieve ZLD
2.	Domestic effluent	7	As per Schedule-I	Recycle 100% to achieve ZLD

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Boiler (6 TPH)	1	As per Schedule -II
2	S-2	Thermopack (4 Lach Kcal)	1	As per Schedule -II
3	S-3	H2SO4 Plant Stack	1	As per Schedule -II
4	S-4	Sulphonation Reactor (DMS Plant)	1	As per Schedule -II
5	S-5	DES Reactor	1	As per Schedule -II
6	S-6	Sodium Vinyl Sulphonate Plant Stack	1	As per Schedule -II
7	S-7	DMU / MMU Plant Stack	1	As per Schedule -II
8	S-8	Ammonium Sulphate	1	As per Schedule -II
9	S-9	DG Set (500 KVA)	1	As per Schedule -II
10	S-10	DG Set (1500 KVA)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Glass Scrap	500	Kg/Annum	Sale	Sale to authorized party
2	Garbage	1000	Kg/Annum	Composting	Sale to authorized party
3	Wood pallets and packing material	1000	Kg/Annum	Sale	Sale to authorized party
4	Paper / Files	150	Kg/M	Sale	Sale to authorized party
5	Hand gloves	100	No/M	Sale	Sale to authorized party

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Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
6	Corrugated Box	500	Nos./Y	Sale	Sale to authorized party
7	MS drums	100	Nos./Y	Sale	Sale to authorized party
8	Coal Ash	300	Ton/M	Sale	Sale to Brick Manufacturer
9	Metal Scrap	50	Ton/Y	Sale	Sale to authorized party

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	17.1 Process acidic residue, filter cake, dust	6	MT/A	Incineration	CHWTSDF
2	17.2 Spent catalyst	255	Ltr/A	Recycle*	Sale to authorised party / CHWTSDF
3	28.3 Spent carbon	25	MT/A	Landfill after treatment	CHWTSDF
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1	MT/A	Recycle*	Sale to authorised party / CHWTSDF
5	35.3 Chemical sludge from waste water treatment	100	Kg/M	Landfill after treatment	CHWTSDF
6	37.3 Concentration or evaporation residues	330	MT/A	Incineration	CHWTSDF
7	20.3 Distillation residues	14.4	MT/A	Incineration	CHWTSDF
8	26.3 (Spent Acid (from DMS Plant)	53	MT/M	Recycle*	Sale to authorised party / CHWTSDF
9	26.3 (Spent Acid (From DES Plant)	1199	MT/M	Recycle*	Sale to authorised party / CHWTSDF
10	28.1 (20% Liquor Ammonia)	1305	MT/M	Recycle*	Sale to authorised party / CHWTSDF
11	28.1 (Ammonium Sulphate)	1488	MT/M	Recycle*	Sale to authorised party / CHWTSDF
12	28.1 (Sodium Sulphate)	110	MT/M	Recycle*	Sale to authorised party / CHWTSDF
13	26.3 (95 % Acetic Acid)	138	MT/M	Recycle*	Sale to authorised party / CHWTSDF

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Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
14	26.3 (35 % Acetic Acid)	64	MT/M	Recycle*	Sale to authorised party / CHWTSDF

[* Industry shall ensure disposal of Hazardous Waste to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.]

8. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E- Waste	50.00	Kg/M	Sale to Authorized Recycler.

9. **Treatment and Disposal of Biomedical Waste generated to CBMWTSDF:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Soiled Waste	0.20	Yellow colored non-chlorinated plastic bags or containers	CBMWTSDF
		b) Expired or Discarded Medicines	0.20		
2	White (Translucent)	Waste sharps including Metals	0.20	Puncture proof, Leak proof, tamper proof container	CBMWTSDF

10. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
12. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
13. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEIAA -EC -0000000258, Date. 26.04.2018 and ensure display / upload of six- monthly compliance monitoring report on their official website.
14. The applicant shall not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it applicable.
15. The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDF, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 through online manifest system.
16. The industry shall dispose the by-products as Hazardous waste and shall comply the provisions of Hazardous & Other Wastes (M & TM) Rules,2016.
17. The industry shall ensure connectivity of continuous online monitoring system to the Board server & data to be transmitted directly from Data Logger to the Board server. The industry shall install separate energy meters to the pollution control systems.
18. The industry shall comply to the Boards circular dtd. 05.02.2020 to use cleaner fuel instead of F.O. and letter submitted by PP dtd. 15.04.202.

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19. This Consent is issued without prejudice to the order passed as may be passed by the Hon'ble NGT, in the matter O.A. No. 1038/2018.
20. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.

For and on behalf of the
Maharashtra Pollution Control Board.

(Dr. V.M.Motghare)
Assistant Secretary (Tech.)
19/4/2022

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	225000.00	TXN2110002770	29/10/2021	Online Payment

Copy to:

1. Regional Officer, MPCB, Thane and Sub-Regional Officer, MPCB, Tarapur I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB,Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of:

   i) Strong COD/TDS stream of 44.0 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Flash mixer, Primary Clarifier/Primary Settling Tank, Primary after stmt) , Multi effect evaporator (2 stage) followed by ATFD. The MEE condensate is treated in weak stream ETP.

   ii) Weak COD/TDS stream of 101 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank,, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter), Advance treatment (Reverse osmosis) .

   B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.

   C] The treated effluent shall be recycled /reused 100% in the process to achieve Zero Liquid Discharge. In no case, at any time effluent shall find its way to any water body directly or indirectly.

   D] Industry shall ensure the connectivity of online monitoring system i.e. IP Camera and flow meter to ensure the Zero Liquid Discharge to the MPCB server. Industry shall also install separate energy meter to the pollution control devices.

2. A] As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal.

   B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1B of schedule I.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	1145.00
2.	Domestic purpose	9.00

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	80.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0.00

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boiler (6 TPH)	Multi Cyclone Scrubber	34.00	Coal 1200 Kg/Hr	0.5	TPM	50 Mg/Nm³
						SO2	288 Kg/Day
S-2	Thermopack	Scrubber	22.00	LDO 21 Kg/Hr	1.8	TPM	50 Mg/Nm³
						SO2	18.14 Kg/Day
S-3	H2SO4 Plant DES Reactor	Ventury Scrubber	45.00	-	-	Acid Mist	20 Mg/Nm³
S-4	Sulphonation Reactor (DMS Plant)	Ventury Scrubber	9.00	-	-	Acid Mist	20 Mg/Nm³
						SO2	50 PPM
S-5	DES Reactor	Ventury Scrubber	9.00	-	-	Acid Mist	20 Mg/Nm³
						SO2	50 PPM
S-6	Sodium Vinyl Sulphonate Plant Stack	Ventury Scrubber	9.00	-	-	Acid Mist	20 Mg/Nm³
						SO2	50 PPM
S-7	DMU / MMU Plant Stack	Ventury Scrubber	9.00	-	-	Acid Mist	20 Mg/Nm³
						SO2	50 PPM
S-8	Ammonium Sulphate	Ventury Scrubber	9.00	-	-	AMMONIA	20 Mg/Nm³
S-9	DG Set (500 KVA)	Acoustic Enclosure Stack	5.00	HSD 30 Ltr/Hr	1	SO2	0.43 Kg/Day

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Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-10	DG Set (1500 KVA)	Acoustic Enclosure Stack	8.00	HSD 60 Ltr/Hr	1	SO2	0.86 Kg/Day

(D.G Set stack height shall be above roof of building)

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
5. Solvent Management shall be carried out as follows:
   1. Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
   2. Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
   3. The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% overall recovery.
   4. Solvents shall be stored in a separate space specified with all safety measures.
   5. Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
   6. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
   7. All the solvent storage tanks shall be connected with vent condensers with Water / chilled water / Brine circulation. Reflux condensers shall be provided over reactors.
   8. Fugitive emissions shall be controlled at 99.95% with effective chillers.
   9. Solvent transfer shall be through pump.
   10. Metering and control of quantities of active ingredients to minimize wastes.
   11. Use of automatic filling to minimize spillage.
   12. Use of close feed system into batch reactors.
   13. Venting equipment through vapour recovery system.

SCHEDULE-III
Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2O	Rs.5.0 Lakhs	Existing	Towards O & M of Pollution Control System and Compliance of Consent Conditions	31.12.2024	30.06.2025

****Existing BG obtained for above purpose if any, may be extended for period of validity as above.**

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BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV
General Conditions:

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
    1. **Collection of WEEE** - The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.

       Storage for disassembled parts: The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an area with an impermeable surface and a sealed drainage system.

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2. **Storage for other components and residues:** Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with team.
3. **Balances :** WEEE Guidelines also requires that sites for handling of WEEE have "balances to measure the weight of the segregated waste". The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.
4. Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDF.
5. Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
6. CFCS should be either reused or incinerated in common hazardous waste incineration facilities at CHWTSDF.
7. Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
8. PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDF.
9. Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
10. Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
11. The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.

6. The Energy source for lighting purpose shall preferably be LED based
7. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
8. Conditions for D.G. Set
   a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
   b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
   c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.

d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.

e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.

f) D.G. Set shall be operated only in case of power failure.

g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.

9. The applicant shall maintain good housekeeping.
10. The non-hazardous solid waste arising in the factory premises, sweepings, etc, be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
11. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
12. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
13. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
14. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
15. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
16. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
17. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
18. The PP shall provide personal protection equipment as per norms of Factory Act
19. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
20. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
21. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.

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22. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
23. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
24. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
25. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
26. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
27. The industry should not cause any nuisance in surrounding area.
28. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
29. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
30. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
31. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
32. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
33. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
34. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.

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35. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
36. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
37. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
38. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

For and on behalf of the
Maharashtra Pollution Control Board.

(Dr. V.M.Motghare)
Assistant Secretary (Tech.) 19/4/2022