

Brief Summary of the Project

Sr. No	Item	Details																					
1.	Name & Address of the Project	M/s. Sree Kartikeya Kameshwari Industries Plot No. E-12 (Gat No. 1,4,57 & 58 of village Chincholikati), Chincholi MIDC, Tal.: Mohol, Dist.: Solapur, Maharashtra																					
2.	Name of the applicant & Designation	Mr. Chetan Chandak Partner																					
3.	Type of Project	Bulk Drugs and Intermediates manufacturing Unit																					
4.	Capacity of Project	Manufacturing set-up shall be for production of 6 products.																					
5.	Land acquired	<ul style="list-style-type: none"> Total Land –24050.00 Sq. M. Built - Up Area – 4817.29 Sq. M. Open Space Available –19232.71Sq.M. Green Belt Area in MIDC plot –6346.79 Sq. M.(33 % of open space) 																					
6.	Cost of the Project	➤ Total Investment – Rs. 5.28 Crores.																					
7.	Production Capacities	<p style="text-align: center;">Table No. 1 List of Products</p> <table> <tr> <th>Sr. No.</th><th>Name of the Product</th><th>Quantity (MT / Day)</th></tr> <tr> <td>1.</td><td>Methyl 2-(4-(4-chlorobutanoyl)phenyl)-2-methylpropanoate</td><td>0.5</td></tr> <tr> <td>2.</td><td>Nicotinic Acid Methyl Ester</td><td>0.5</td></tr> <tr> <td>3.</td><td>Pyridine-3-Carboxamide</td><td>3.5</td></tr> <tr> <td>4.</td><td>3-Pyridine carboxylic Acid</td><td>7.68</td></tr> <tr> <td>5.</td><td>4-Pyridine carboxylic Acid</td><td>0.51</td></tr> <tr> <td>6.</td><td>2,3 Lutidine & 3,5 Lutidine</td><td>0.5</td></tr> </table>	Sr. No.	Name of the Product	Quantity (MT / Day)	1.	Methyl 2-(4-(4-chlorobutanoyl)phenyl)-2-methylpropanoate	0.5	2.	Nicotinic Acid Methyl Ester	0.5	3.	Pyridine-3-Carboxamide	3.5	4.	3-Pyridine carboxylic Acid	7.68	5.	4-Pyridine carboxylic Acid	0.51	6.	2,3 Lutidine & 3,5 Lutidine	0.5
Sr. No.	Name of the Product	Quantity (MT / Day)																					
1.	Methyl 2-(4-(4-chlorobutanoyl)phenyl)-2-methylpropanoate	0.5																					
2.	Nicotinic Acid Methyl Ester	0.5																					
3.	Pyridine-3-Carboxamide	3.5																					
4.	3-Pyridine carboxylic Acid	7.68																					
5.	4-Pyridine carboxylic Acid	0.51																					
6.	2,3 Lutidine & 3,5 Lutidine	0.5																					

For Sree Kartikeya Kameshwari Industries



Authorised Signatory

Sr. No	Item	Details				
8.	Air Pollution Control Measures	Details of Boiler, TFH and D.G. set and APC equipments to be provided for same are given in following table.				
Table No.2 Details of Stack						
Sr. No.	Description	Specifications				
(a)	Stack Number (s)	1	2	3		
(b)	Attached to	Boiler	TFH	DG Set		
(c)	Capacity	5 TPH Steam Boiler	8LKcal	250 KVA		
(d)	Fuel type	Coal	Coal	HSD		
(e)	Fuel quantity	30 TPD	5 TPD	60 Lit. / Hr.		
(f)	Material of construction	MS	MS	M.S		
(g)	Shape (round/rectangular)	Round	Round	Round		
(h)	Height, m (above ground level)	30	18	3 M		
(i)	Diameter/size, in meters	1.5 m combined			0.1 M	
(j)	Ash Content %	6-8%	6-8%	0.1 %		
(k)	Sulphur content %	0.1-0.2%	0.1-0.2%	1 %		
(l)	Control equipment preceding the stack	Bag filter	Bag filter	--		

For Sree Kartikeya Kameshwari Industries



Authorised Signatory

Sr. No.	Item	Details																																							
9.	Water Requirement	<p style="text-align: center;">Table No.3 Details of Water Requirement</p> <table> <tr> <th>Sr. No.</th><th>Description</th><th>Water Consumption (M³/Day)</th></tr> <tr> <td>1.</td><td>Domestic</td><td>5(*2+\$3)</td></tr> <tr> <td>2.</td><td>Industrial</td><td></td></tr> <tr> <td></td><td>a. Processing</td><td>*20</td></tr> <tr> <td></td><td>b. Washing</td><td>*5</td></tr> <tr> <td></td><td>c. Cooling</td><td>60 (*17.5+#42.5)</td></tr> <tr> <td></td><td>d. Boiler Feed</td><td>*36</td></tr> <tr> <td></td><td>e. Laboratory</td><td>*2</td></tr> <tr> <td></td><td>f. D.M. Plant</td><td>*21</td></tr> <tr> <td></td><td>g. scrubber</td><td>*0.5</td></tr> <tr> <td></td><td>Industrial Total</td><td>144.5 (*102+#42.5)</td></tr> <tr> <td>3.</td><td>Other (Gardening)</td><td>8</td></tr> <tr> <td>•</td><td>Grand Total</td><td>157.5 (*112+#42.5+\$3)</td></tr> </table> <p>Note: * - Fresh water, # - Condensate water reuse for cooling makeup, \$ - Treated water from STP.</p>	Sr. No.	Description	Water Consumption (M ³ /Day)	1.	Domestic	5(*2+\$3)	2.	Industrial			a. Processing	*20		b. Washing	*5		c. Cooling	60 (*17.5+#42.5)		d. Boiler Feed	*36		e. Laboratory	*2		f. D.M. Plant	*21		g. scrubber	*0.5		Industrial Total	144.5 (*102+#42.5)	3.	Other (Gardening)	8	•	Grand Total	157.5 (*112+#42.5+\$3)
Sr. No.	Description	Water Consumption (M ³ /Day)																																							
1.	Domestic	5(*2+\$3)																																							
2.	Industrial																																								
	a. Processing	*20																																							
	b. Washing	*5																																							
	c. Cooling	60 (*17.5+#42.5)																																							
	d. Boiler Feed	*36																																							
	e. Laboratory	*2																																							
	f. D.M. Plant	*21																																							
	g. scrubber	*0.5																																							
	Industrial Total	144.5 (*102+#42.5)																																							
3.	Other (Gardening)	8																																							
•	Grand Total	157.5 (*112+#42.5+\$3)																																							

For Sree Kartikeya Kameshwari Industries



Authorised Signatory

Sr. No.	Item	Details																																				
10.	Effluent Generation	<p>Table No.4 Details of Effluent Generation</p> <table> <tr> <th>Sr. No.</th><th>Description</th><th>Effluent Generation (M3/Day)</th></tr> <tr> <td>1.</td><td>Domestic</td><td>4</td></tr> <tr> <td>2.</td><td>Industrial</td><td></td></tr> <tr> <td></td><td>a. Processing</td><td>28</td></tr> <tr> <td></td><td>b. Cooling</td><td>6</td></tr> <tr> <td></td><td>c. Boiler feed</td><td>3.5</td></tr> <tr> <td></td><td>c. D.M. Plant</td><td>2.5</td></tr> <tr> <td></td><td>d. Washing</td><td>5</td></tr> <tr> <td></td><td>e. Laboratory</td><td>2</td></tr> <tr> <td></td><td>Industrial Total</td><td>47</td></tr> <tr> <td></td><td>Total (1 & 2)</td><td>47+4</td></tr> <tr> <td>•</td><td>Grand Total</td><td>51</td></tr> </table>	Sr. No.	Description	Effluent Generation (M3/Day)	1.	Domestic	4	2.	Industrial			a. Processing	28		b. Cooling	6		c. Boiler feed	3.5		c. D.M. Plant	2.5		d. Washing	5		e. Laboratory	2		Industrial Total	47		Total (1 & 2)	47+4	•	Grand Total	51
Sr. No.	Description	Effluent Generation (M3/Day)																																				
1.	Domestic	4																																				
2.	Industrial																																					
	a. Processing	28																																				
	b. Cooling	6																																				
	c. Boiler feed	3.5																																				
	c. D.M. Plant	2.5																																				
	d. Washing	5																																				
	e. Laboratory	2																																				
	Industrial Total	47																																				
	Total (1 & 2)	47+4																																				
•	Grand Total	51																																				
11.	Solid Waste	<p>Table No.5 Details of Solid Waste</p> <table> <tr> <th>Type of Waste</th><th>Solid waste generation</th><th>Disposal</th></tr> <tr> <td>Coal Ash</td><td>2 MT/Day</td><td>Sold to brick manufacturers for secondary use</td></tr> </table>	Type of Waste	Solid waste generation	Disposal	Coal Ash	2 MT/Day	Sold to brick manufacturers for secondary use																														
Type of Waste	Solid waste generation	Disposal																																				
Coal Ash	2 MT/Day	Sold to brick manufacturers for secondary use																																				

For Sree Kartikeya Kameshwari Industries



Authorised Signatory

Sr. No	Item	Details																				
12.	Hazardous Waste	<table><tr><th colspan="4">Table No.6 Details of Hazardous Waste</th></tr><tr><th>Sr. No</th><th>Description</th><th>Quantity</th><th>Mode of Disposal</th></tr><tr><td>1.</td><td>Cat.:28.1-Residues& Wastes</td><td>0.1 MT/M</td><td>CHWTSDf</td></tr><tr><td>2.</td><td>Cat.: 34.3 – Chemical Sludge</td><td>1.0 MT/Day</td><td>CHWTSDf</td></tr><tr><td>3.</td><td>Cat.: 34.3 – Salts generated from MEE</td><td>0.2 MT/M</td><td>CHWTSDf</td></tr></table>	Table No.6 Details of Hazardous Waste				Sr. No	Description	Quantity	Mode of Disposal	1.	Cat.:28.1-Residues& Wastes	0.1 MT/M	CHWTSDf	2.	Cat.: 34.3 – Chemical Sludge	1.0 MT/Day	CHWTSDf	3.	Cat.: 34.3 – Salts generated from MEE	0.2 MT/M	CHWTSDf
Table No.6 Details of Hazardous Waste																						
Sr. No	Description	Quantity	Mode of Disposal																			
1.	Cat.:28.1-Residues& Wastes	0.1 MT/M	CHWTSDf																			
2.	Cat.: 34.3 – Chemical Sludge	1.0 MT/Day	CHWTSDf																			
3.	Cat.: 34.3 – Salts generated from MEE	0.2 MT/M	CHWTSDf																			
13.	Green Belt	<ul style="list-style-type: none">➤ Total land area for Proposed Bulk Drugs & Intermediates manufacturing unit is 24050.00 Sq. M.➤ Proposed Green Belt Area– – 6346.79 Sq. M (33 % of open space)➤ 450 nos. of trees would be planted under the proposed green belt development plan.																				

For Sree Kartikeya Kameshwari Industries



Authorised Signatory

J-11011/96/2016-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
Aliganj, Jorbagh Road
New Delhi – 110 003

E-mail: lk.bokolia@nic.in
Telefax: 011-24695313
Dated: 15th July, 2016

To,
Shri Chetan
Partner
M/s Shree Kartikeya Kameshwari Industries
Plot No.: E-12, MIDC Chincholi,
Mohol, Solapur-413255, Maharashtra

Subject: Setting up of Bulk Drugs and Intermediates manufacturing (395.62 MTPM) Unit at Plot No. E-12, Chincholi MIDC, Taluka Mohol, District Solapur, Maharashtra by M/s Shree Kartikeya Kameshwari Industries- reg. TOR

Ref. No.: Your Proposal no. IA/MH/IND2/50510/2016; dated 4th March, 2016

Sir,
Kindly refer your proposal no. IA/MH/IND2/50510/2016 dated 4th March, 2016 along with project documents including Form-I, Pre-feasibility Report and draft 'Terms of Reference' as per the EIA Notification, 2006. It is noted that the proposal is for setting up of Bulk Drugs and Intermediates manufacturing (395.62 MTPM) Unit at Plot No. E-12, Chincholi MIDC, Taluka Mohol, District Solapur, Maharashtra by M/s Shree Kartikeya Kameshwari Industries. Following are the details of proposed products:

S. No.	Name of the Product	Quantity (MTPM)	Quantity (MTPD)
1	Methyl 2 - (4 - (4 - chlorobutanoyl) phenyl) - 2 - methylpropanoate	15.01	0.5
2	Nicotinic Acid Methyl Ester	14.85	0.5
3	Pyridine-3-Carboxamide	105	3.33
4	3-Pyridine carboxylic Acid	230.4	7.50
5	4-Pyridine carboxylic Acid	15.36	1.0
6	2,3 Lutidine & 3, 5 Lutidine	15	5.0
	Total	395.62	13.19

2.0 Draft Terms of Reference (TOR) have been discussed and finalized during 8th Expert Appraisal Committee (Industry-2) meeting held during 26-27th May, 2016 for preparation of EIA/EMP report. The Committee prescribed the following Specific and Additional TOR in addition to Generic TOR provided at Annexure-I (refer to Ministry's website) for preparation of EIA-EMP report:

A. Specific TOR

1. Details on solvents to be used, measures for solvent recovery and for emissions control.
2. Details of process emissions from the proposed unit and its arrangement to control.
3. Ambient air quality data should include VOC, other process-specific pollutants* like

29

NH₃*, chlorine*, HCl*, HBr*, H₂S*, HF*, CS₂ etc., (* - as applicable)

4. Work zone monitoring arrangements for hazardous chemicals.
5. Detailed effluent treatment scheme including segregation for units adopting 'Zero' liquid discharge.
6. Action plan for odour control to be submitted.
7. A copy of the Memorandum of Understanding signed with cement manufacturers indicating clearly that they co-process organic solid/hazardous waste generated.
8. Authorization/Membership for the disposal of liquid effluent in CETP and solid/hazardous waste in TSDF, if any.
9. Material Safety Data Sheet for all the Chemicals are being used/will be used.
10. Authorization/Membership for the disposal of solid/hazardous waste in TSDF.
11. Details of incinerator if to be installed.
12. Risk assessment for storage and handling of hazardous chemicals/solvents. Action plan for handling & safety system to be incorporated.
13. Arrangements for ensuring health and safety of workers engaged in handling of toxic materials.
14. Details on solvents to be used, measures for solvent recovery and for emissions control.

B. Additional TOR

- i. Public hearing is exempted as per para 7(i) III Stage (3)(i)(b) of EIA Notification, 2006 for preparation of EIA/EMP Report, being site is located in the Notified industrial area.
- ii. A copy of application seeking clearance from NBWL w.r.t. GIB Sanctuary.

3.0 These 'TORs' should be considered for the preparation of EIA/EMP for setting up of Bulk Drugs and Intermediates manufacturing (395.62 MTPM) Unit at Plot No. E-12, Chincholi MIDC, Taluka Mohol, District Solapur, Maharashtra by M/s Shree Kartikeya Kameshwari Industries. in addition to all the relevant information as per the 'General Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006.

4.0 You are requested to kindly submit the final EIA/EMP prepared as per TORs to the Ministry for considering the proposal for environmental clearance ***within 3 years as per the MoEF O.M. No. J-11013/41/2006-IA.II (I) dated 8th October, 2014.***

5.0 The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India/ National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc.



(Lalit Bokolia)
Additional Director

Copy to:

- 1 The Chairman, Maharashtra State Pollution Control Board, Shri Chatrapati Shivaji Maharaj Municipal Market-Building, 4th Floor, Mata Rambai Ambedkar Road, Mumbai - 400 001, Maharashtra.
- 2 Shri Kanwarjit Singh APCCF (C), Ministry of Environment and Forest, Climate Change, Regional Office(WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur-440001



(Lalit Bokolia)
Additional Director

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)

ADVANCE POSSESSION RECEIPT

I, Shri. R. P. Nikam, Head Surveyor. on behalf

of the Maharashtra Industrial Development Corporation and

Shri. Sunil Jayanthilal Goel. on behalf

of Shri. / M/s. Shree Kartikeya Kameshwari Industries.

have this day respectively handed over and taken over the possession of Plot No. E-12

admeasuring - 24050 - Sq. mts. in Phase — of the Chincholi.

Industrial Area, Dist. Solapur. after actual measurement and demarkation of the plot on the site.

Place : Chincholi.

Date : 05/04/2010

Handed over by

R. P. Nikam

(R. P. Nikam
(Signature of the officer with designation)
Head Surveyor
M.I.D.C., Solapur.



Taken by

M/s. SHREE KARTIKEYA KAMESHWARI INDUST

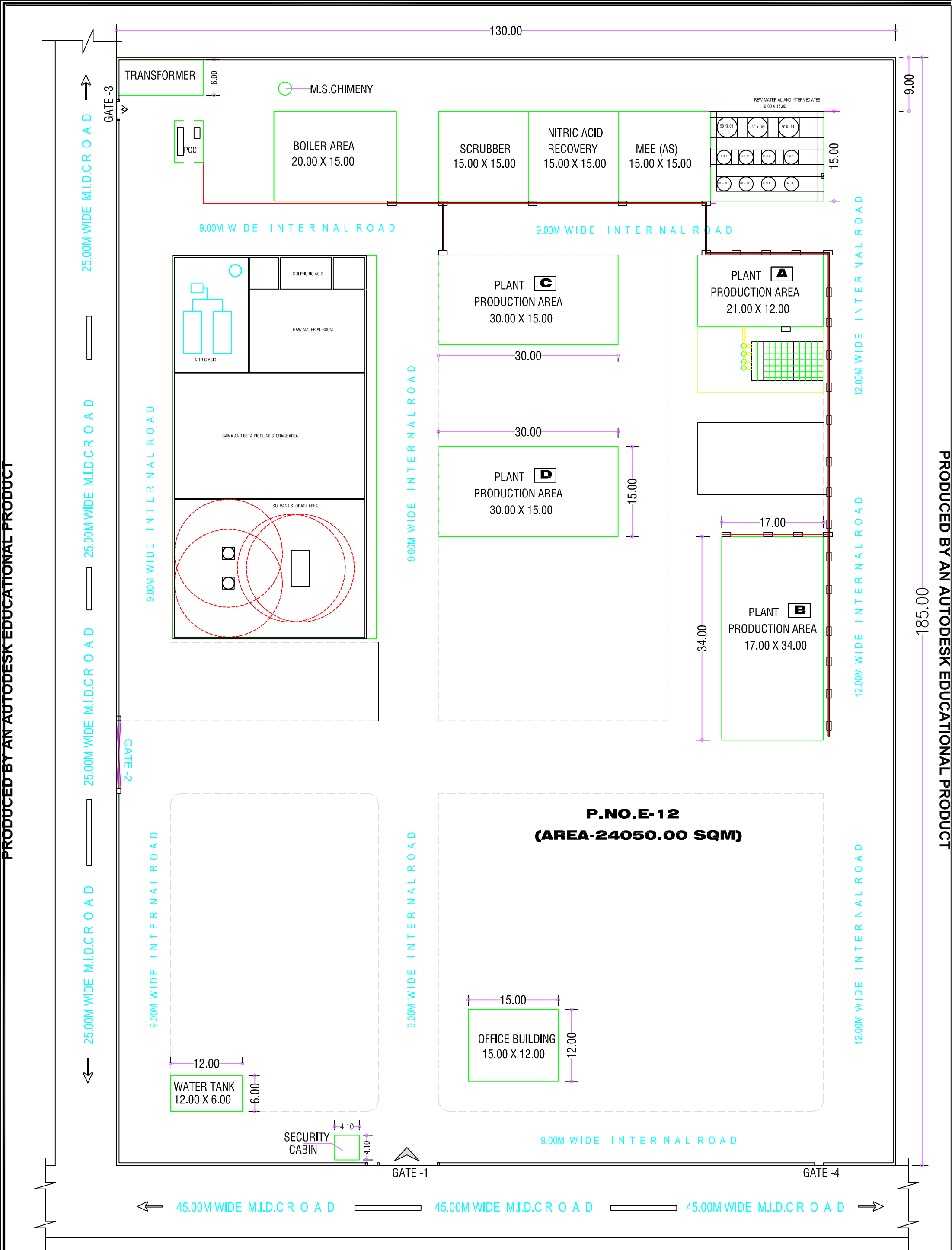
Sunil Goel
Partner.

(Signature of the allottee or representative
with his designation)

"Though the physical possession of Plot No. E-12
is handed over today on 05/04/2010 the legal title to the
plot, shall be passed to the allottee, only after the legal documents as
prescribed by MIDC, are duly completed and conferred by the
allottee, and the competent of in MIDC, and this possession receipt
by itself, does not pass on the legal title of the plot to person, to
whom the plot is handed over".

M/S SREE KARTIKEYA KAMESHWARI INDUSTRIES


S. S. SRINIVASAN
DIRECTOR



MPCB CONSENT ORDER

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : ast@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion-
Matunga Scheme Road No. 8, Opp. Cine
Planet Cinema, Near Sion Circle, Sion (E),
Mumbai - 400 022

Red/SSI

Date: 13/07/2015

Consent No: Format 1.0/BO/AST/EIC No.PN-25477-15/E/7753

To,
M/s. Shree Kartikeya Kameshwari Industries,
Plot No. E-12, MIDC Chincholi,
Tal. Mohol, Dist. Solapur.

Subject: Consent to Establish under RED category.

Your application: CE1411000652.

Dated: 06/05/2015.

For: Consent to Establish with under RED category.

under Section 25 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 5 of the Hazardous Wastes (M, H & T M) Rules 2008 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 is granted for a period up to commissioning of the unit or for five years whichever is earlier.
2. The actual capital investment of the industry is Rs. 5.28 Crs.
(As per the C.A. Certificate submitted by industry)
3. The Consent is valid for the manufacture of -

Sr. No.	Product / By-Product Name	Maximum Quantity	UOM
1.	3-Pyridine Carboxylic Acid	230	MT/M
2.	4- Pyridine Carboxylic Acid	20	MT/M
3.	Methyl Ethyl Pyridine -3- Carboxylate	5	MT/M
4.	Pyridine - 3- Carboxamide	100	MT/M

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1.	Trade effluent	44.6	As per Schedule I	Zero Liquid Discharge
2.	Domestic effluent	10.4	As per Schedule I	



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

Sr. No.	Description of stack / source	Number of Stack	Standards to be achieved
1.	Boiler	1	As per Schedule – II
2.	Thermic Fluid Heater	1	As per Schedule – II
2.	Process Vent	1	As per Schedule – II
3.	DG Set (250 KVA) X 2 Nos.	1	As per Schedule – II

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type of Waste	Quantity & UoM	Treatment	Disposal
1	Ash	1500 Kg/Day	-	To Brick manufacturer

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1	Residues & Wastes	28.1	0.1	MT/M	N	CHWTSDF
2	Chemical Sludge	34.3	1.0	MT/M	N	CHWTSDF
3	Salts generated from MEE	34.3	0.2	MT/M	N	CHWTSDF

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. The applicant shall not take any effective steps towards establish of the unit without obtaining Environment Clearance.
11. As per Para 2 of EIA notification dated-14/09/2006, the effective steps include starting of any construction work or preparation of land by the project management. However as clarified by the MoEF vide office memorandum no. J-1103/41/2006-IA.II(I); Dated-19/8/2010, fencing of the site to protect it from getting encroached & construction of temporary shed(s) for the guard(s) & acquisition of land shall not be treated as an effective steps.
12. If any non-compliance of the conditions of consent to Establish observed, the Board will initiate appropriate legal action including, revocation of consent and further action.
13. This consent is issued as per power delegation to HOD's vide office order No 31/2013 dated 01.03.2013

For and on behalf of the
Maharashtra Pollution Control Board



(P. K. Mirashe)

Assistant Secretary (Technical)

Received Consent fee of -

Sr. No.	Amount (Rs.)	DD. No.	Date	Drawn On
1	25,000/-	007758	04/05/2015	ICICI Bank

Copy to:

1. Regional Officer –Pune and Sub-Regional Officer – Solapur, MPCB, They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.

Handwritten signature



Maharashtra Pollution Control Board

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to provide combine Effluent Treatment Plant (ETP) with MEE.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No.	Parameters	Standards prescribed by Board (If any)
	I. Compulsory Parameters	Limiting Concentration in mg/l, except for pH
01	pH	5.5 - 9
02	Oil & Grease	10
03	BOD (3 days 27°C)	30
04	TDS	2100
05	COD	250
06	Oil & Grease	10
07	Sulphates	1000
08	Chlorides	600

- C) High COD stream shall be disposed through MEE. The remaining treated effluent shall be recycled and reused make up cooling tower, gardening thereby achieve Zero Discharge. In no case the effluent shall find its way into the MIDC drain/outside the factory premises.
- 2) A.] As per your consent application, you have proposed to provide the combine ETP for the Domestic effluent.
 - B] The treatment system is combined for trade effluent and sewage hence the standards and disposal path prescribed at sr. no.1 B & C of schedule I shall be applicable.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I 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	60
2.	Domestic purpose	13
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	77
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	NIL
5.	Boiler Feed, Equipment washing, Gardening	10

- 4) 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.



(Handwritten signature)

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 also erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack To	Attached APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	SO ₂ Kg/Day
1	Boiler	Multi-Cyclone Dust Collector	50	Coal	96 MT/M	32
2	Thermic Fluid Heater				120 MT/M	40
3	Process Vent	4 Scrubber in series	21.5(each)	....	.....	.....
4	DG Set (250 KVA)	....	6.5	Diesel	18 ltr/hr	8.6
5	DG Set (250 KVA)	.....	6.5		18 ltr/hr	8.6

(* above the roof level of the 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.
3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150mg/Nm ³ .
Acid Mist	Not to exceed	35 mg/Nm ³

4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
5. 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).



Schedule-III
Details of Bank Guarantees

Sr. No.	Bank Guarantee (In Rs)	Submission period	Consent Conditions	Compliance Period	Validity
1	2.00 Lakh	15 days	Compliance of consent condition	Till validity of consent	30.11.2020



Schedule-IV
General Conditions:

- 1) 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.
- 2) Industry should monitor effluent quality, stack emissions and ambient air quality quarterly.
- 3) 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.
- 4) 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.
- 5) 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.
- 6) The firm shall submit to this office, the 30th day of September every year , the Environmental 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.
- 7) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW (MH&TM) Rules 2008, 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.
- 8) The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazardous Waste (M,H & TM) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- 9) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 10) **The applicant shall obtain Consent to Operate before starting actual production.**
- 11) 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).
- 12) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 13) 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.
- 14) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 15) 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.
- 16) 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 siting 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 MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 17) The industry should not cause any nuisance in surrounding area.
- 18) 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.
- 19) The applicant shall maintain good housekeeping.
- 20) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 21) 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.
- 22) 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.
- 23) 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.
- 24) 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 be downloaded from MPCB official site).
- 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.
- 27) 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.
- 28) 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.

-----0000-----



MANUFACTURING PROCESS

METHYL 2-(4-(4-CHLOROBUTANOYL)PHENYL)-2-METHYLPROPANOATE

PROCESS DESCRIPTION

Step - I

Methyl-3-Methyl-3-Phenyl Butanoate is treated for a Friedal Craft Acylation reaction. It is reacted with 4-Chloro Butanoyl Chloride in the presence of Aluminium Chloride to yield methyl 3-[4-(4-chloro butanoyl)phenyl]-3-methyl butanoate.

Step - II

Methyl 3-[4-(4-chloro butanoyl)phenyl]-3-methyl butanoate is treated with Caustic Lye solution to give Cyclopropyl[4-(1-hydroxy-2-methyl propan-2-yl)phenyl] methanone.

Step - III

Cyclopropyl[4-(1-hydroxy-2-methyl propan-2-yl)phenyl] methanone is oxidized with Potassium Permanganate to give 2-(4-(cyclopropanecarbonyl)phenyl)-2-methylpropanoic acid

Step - IV

2-(4-(cyclopropanecarbonyl)phenyl)-2-methylpropanoic acid is reacted with Methanol and Hydrochloric Acid to give the final product i.e., Methyl 2-(4-(4-chlorobutanoyl)phenyl)-2-methylpropanoate

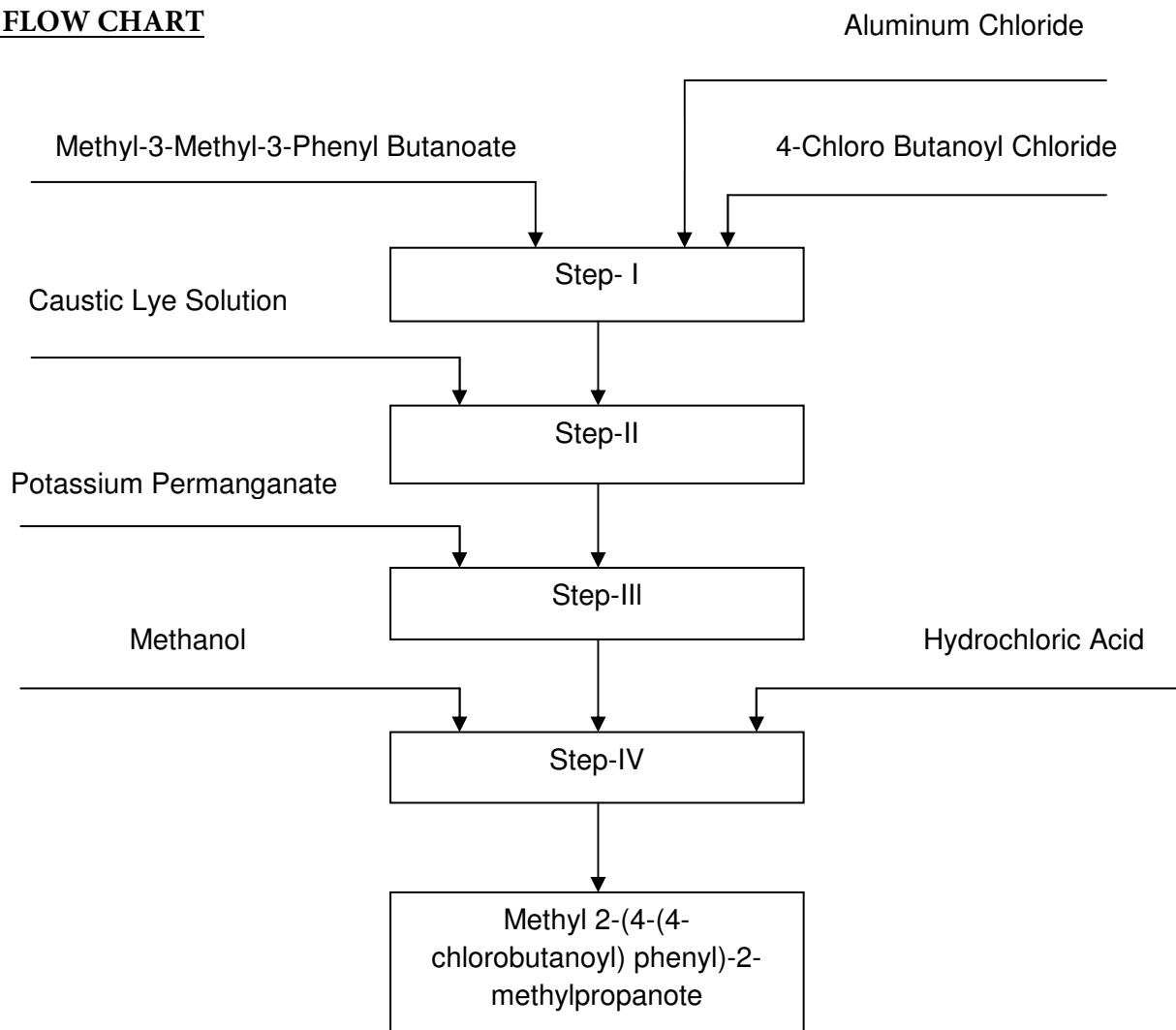
For Sree Kartikeya Kameshwari Industries



Authorised Signatory

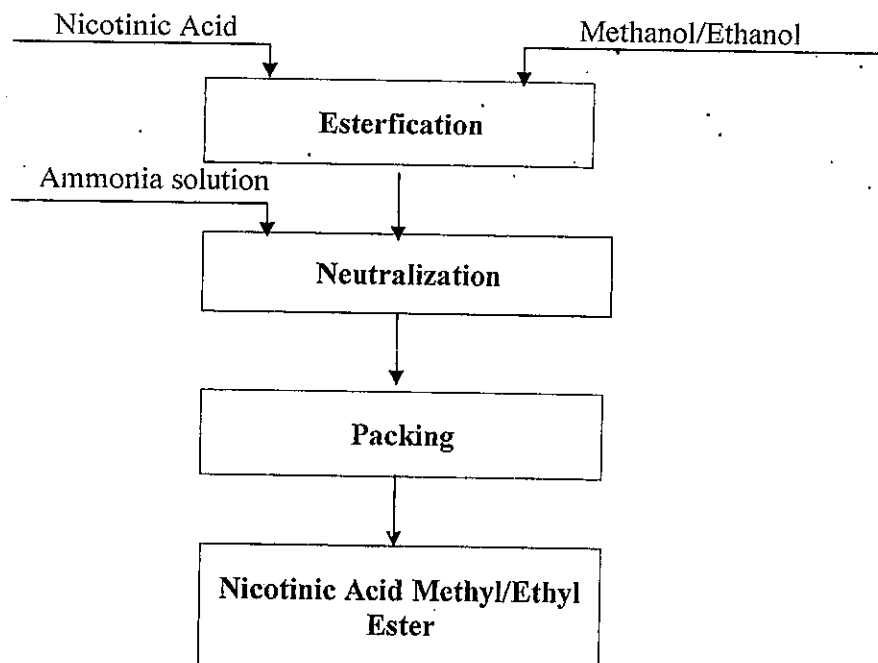
Methyl 2-(4-(4-CHLOROBUTANOYL) PHENYL)-2-METHYLPROPANOTE

FLOW CHART



For Sree Kartikeya Kameshwari Industries

Authorised Signatory

NICOTINIC ACID METHYL/ETHYL ESTER**FLOW CHART****PROCESS DESCRIPTION**

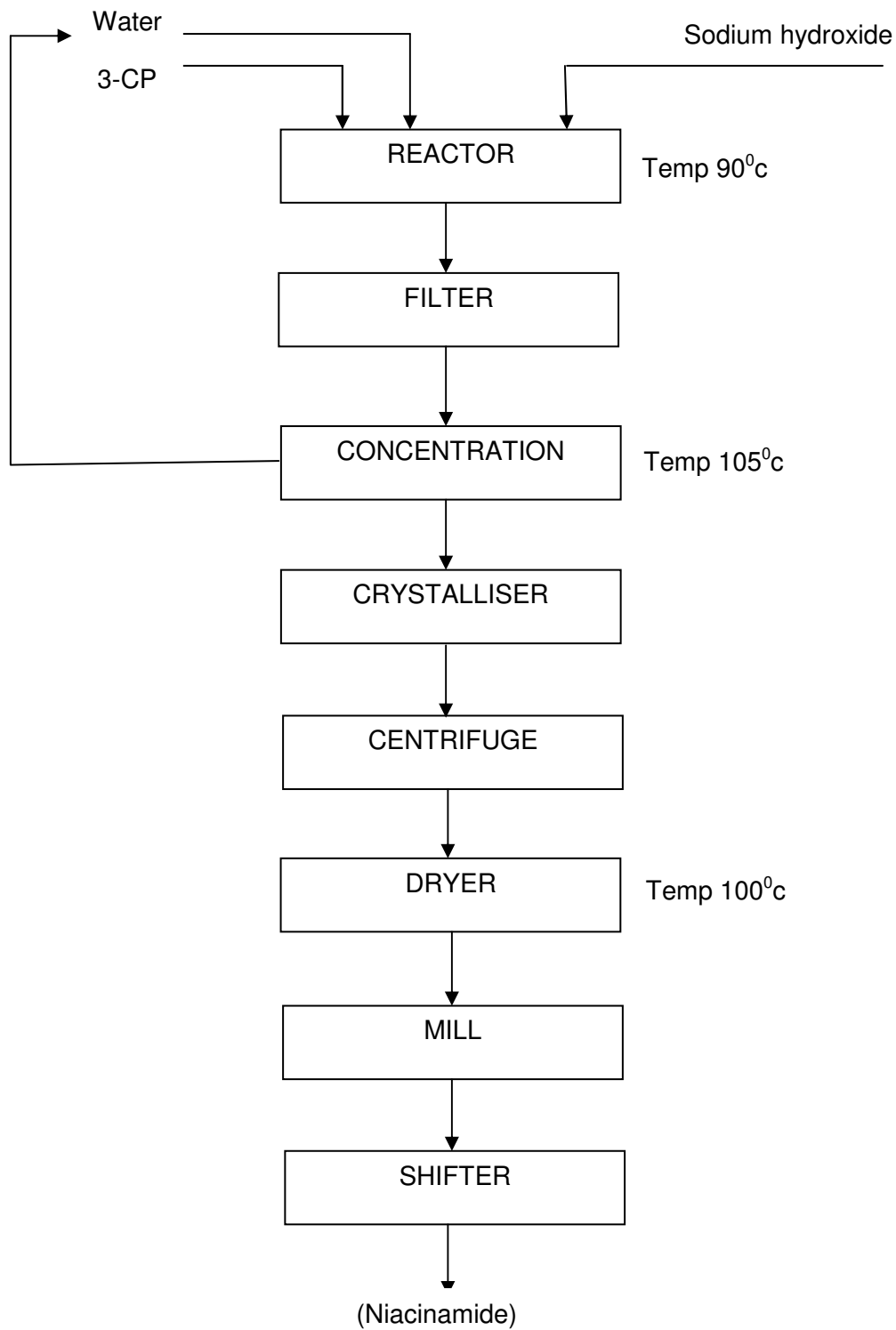
Nicotinic Acid is esterified by methanol or ethanol to yield Nicotinic Acid Methanol/Ethanol Ester. The resultant reaction mass is then neutralized using Ammonia to dissolve the excess sulfuric to yield the final product.

For Sree Kartikeya Kameshwari Industries

Authorised Signatory

Pyridine-3-carboxamide

(NICIN AMIDE)



Pyridine-3-Carboxamide

For Sree Kartikeya Kameshwari Industries

Authorised Signatory

Pyridine-3-carboxamide

Process

Charge 3 cynopyridine and water in SS reactor. Then add caustic soda solution. Reflux the reaction mass for 3 hrs. Then water is distilled out under vacuum. Cool the material up to 30⁰ C. Then Charge in centrifuge.wet cake charge in dryer for drying. After completion of drying, milling, sifting and packing takes place.

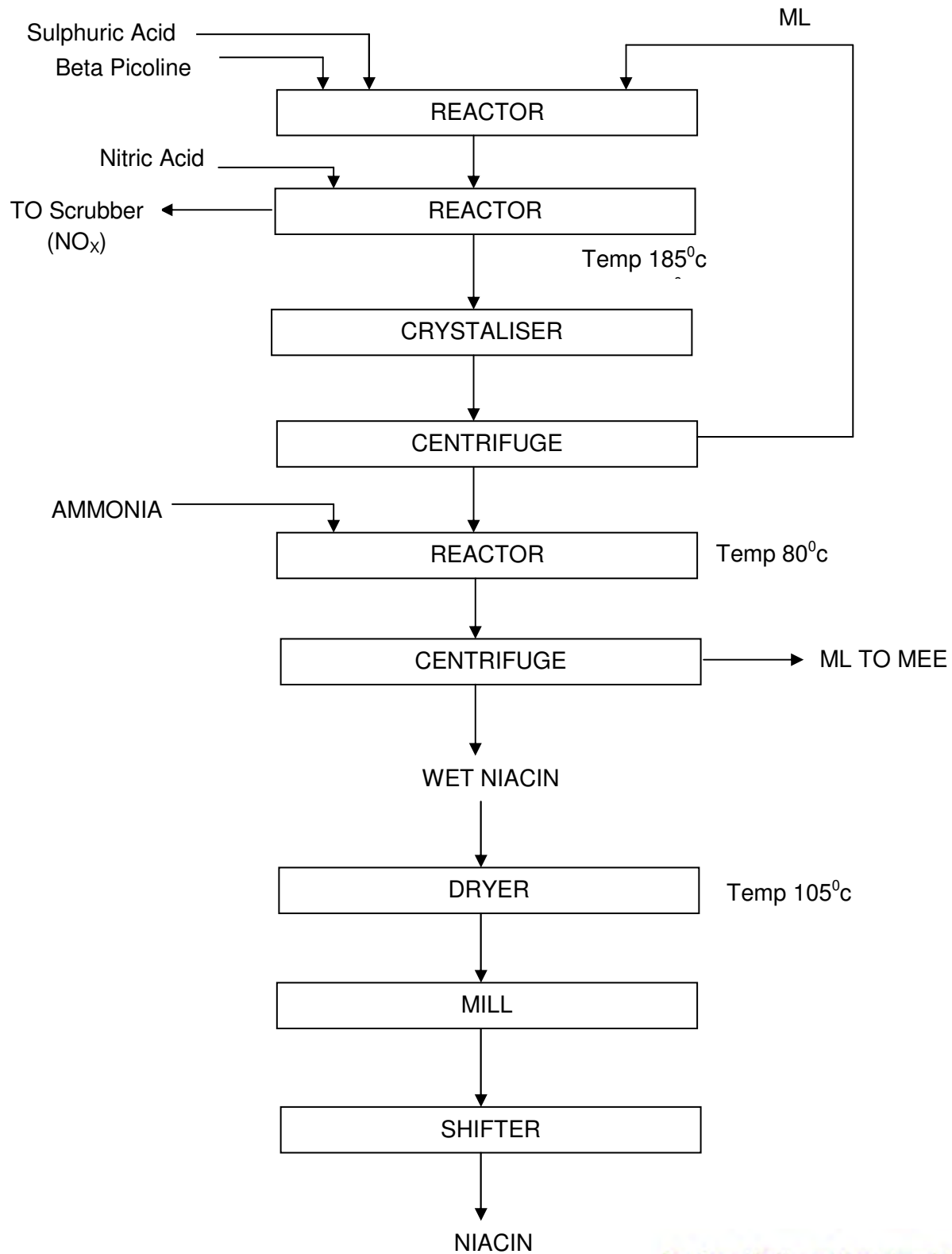
For Sree Kartikeya Kameshwari Industries



Authorised Signatory

NIACIN

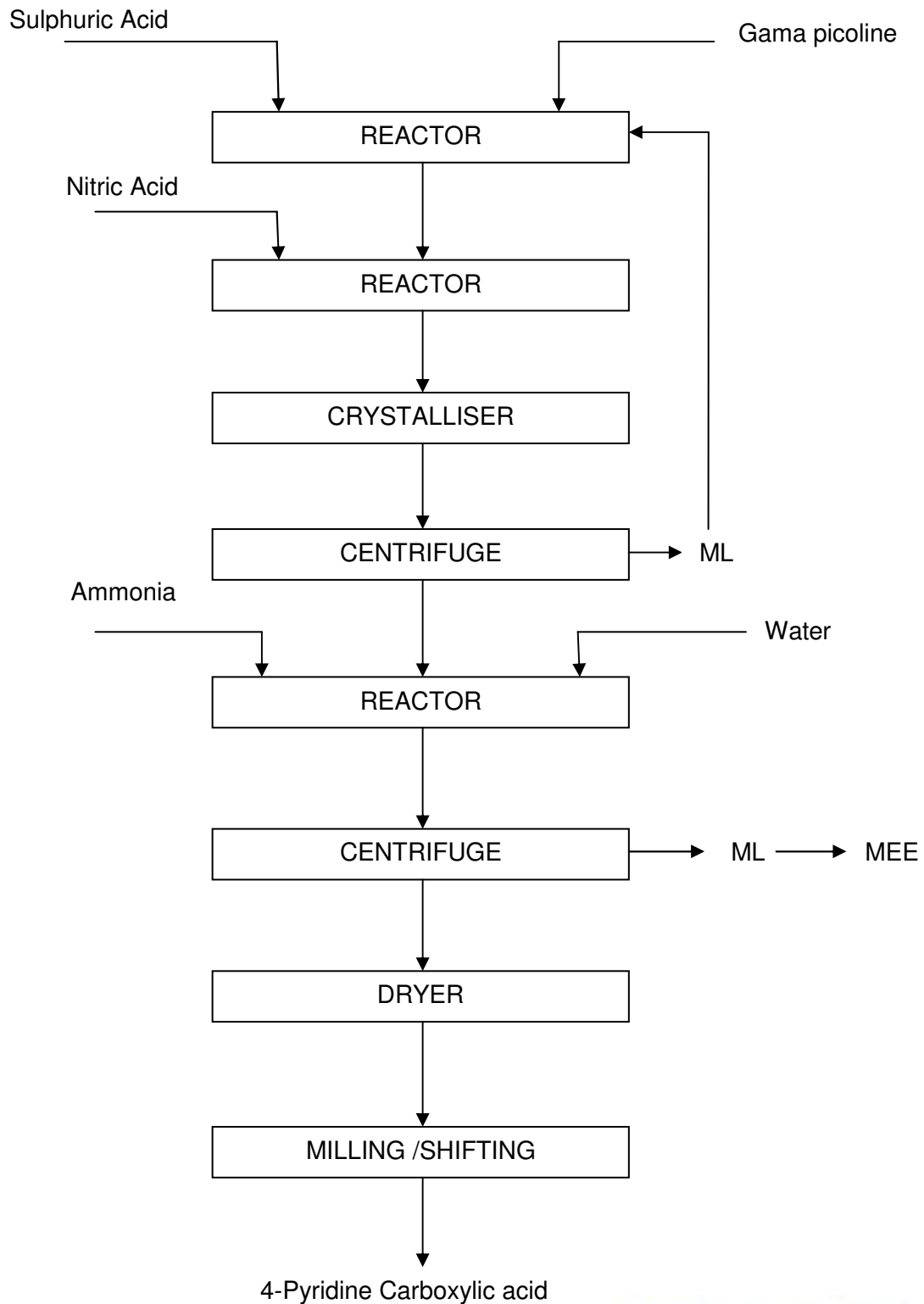
3-Pyridine Carboxylic acid



For Sree Kartikeya Kameshwari Industries

Authorised Signatory

4-Pyridinecarboxylic acid



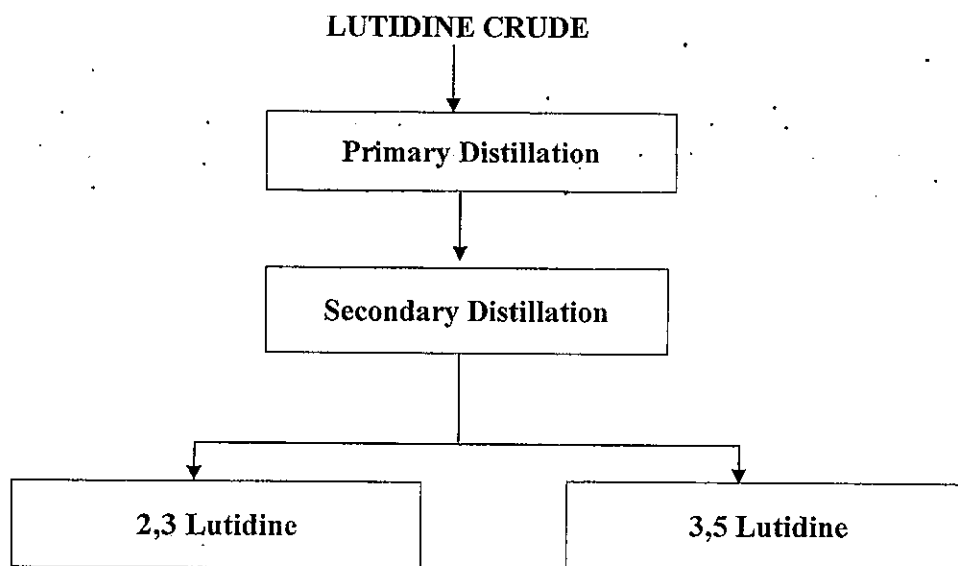
For Sree Kartikeya Kameshwari Industries

Authorised Signatory

⑥

2,3 LUTIDINE & 3,5 LUTIDINE

FLOW CHART



PROCESS DESCRIPTION

Lutidine Crude is concentrated by the process of distillation. The Crude is taken for Primary Distillation where 2,3 Lutidine and 3,5 Lutidine are separated from remaining impurities. This distillate is then subjected to secondary distillation where both 2,3 and 3,5 Lutidine are isolated from each other.

For Sree Kartikeya Kameshwari Industries

Authorised Signatory

**WATER PERMISSION
LETTER**

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)

HEAD OFFICE : "Udyog Sarthi", Mahakall Caves Road,
Andheri (E), Mumbai - 400 093.
FORT BRANCH : Orient House, 5th Floor,
Adi Marjaban Street, Billard Estate, Fort, Mumbai - 38.
Tele : 2687 0027/52/54/73 Fax : (022) 2687 1587
Tele : 2261 6547 Fax : (020) 2261 6548



॥ उद्योगात् सकल समृद्धि ॥

MIDCO

जा.क्र./उप अभि/सा/ १२०१४.

उप अभियंता यांचे कार्यालय,
मऔविम, उपविभाग सोलापूर.
दिनांक :- ०२/०९/२०१४.

प्रति,

श्री.सुनिल जयंतीलाल गोयल,
भागीदार मे.श्री कार्तीकेय कामेश्वरी इंडस्ट्रिज
भूखंड क्र.ई-१२, मऔविम,
चिंचोली.

विषय :- चिंचोली औद्योगिक क्षेत्र. . .

भूखंड क्र.ई-१२, साठी १५ मि.मी.व्यासाची नळजोडणी देणेबाबत.

संदर्भ :- १. आपला दि.११/०८/२०१४ रोजीचा अर्ज.

२. या कार्यालयाचे SWC Queries दि.२१/०८/२०१४.

महोदय,

वरील संदर्भित पत्र क्र.१ नुसार आपणास चिंचोली औद्योगिक क्षेत्रामधील भूखंड क्र.ई-१२, वर १५ मि.मी. व्यासाची नळजोडणीकरीता सुरक्षा अनामत रक्कम भरणेसाठी कळविणेत आले होते. त्यास अनुसरून सुरक्षा अनामत रक्कमेपोटी रक्कम रु.३४,६७५/- फेडरल बँक, सोलापूर वरील धनाकर्ष क्र.२८६२८७ दि.०१/०९/२०१४ रोजी तृतीय पावती क्र.१६२०६ दि.०१/०९/२०१४ अन्वये जमा केलेली आहेत. त्यानुसार आपणास १५ मि.मी. व्यासाची नळजोडणी मंजूर करणेत येत आहे. सदर भूखंडावर नळजोडणी करीता खालील बाबींची पूर्तता शाखा अभियंता, चिंचोली यांचेकडे करावी.

१. नळ जोडणीसाठी लागणारी साधनसामुग्री तसेच मीटरचा तपासणी अहवाल म.औ.वि.म. कार्यालय, चिंचोली यांचेकडे देण्यात यावा.
२. आपण १५ मि.मी. आकाराचे पाण्याचे दोन मीटर तपासणी अहवालासह (टॅस्ट रिपोर्ट) सादर करावेत.
३. मीटर करीता करारनाम्याप्रमाणे चेंबर व कुलूप लावण्याची तरतूद करावी; तद्नंतर जोडणीची प्रत्यक्षात कार्यवाही होईल.
४. आपण नकाशे मंजूरी घेऊन इमारत पूर्णत्वाचा दाखला प्राप्त करेपर्यंत आपणास पाणी पुरवठ्याचा दर रु.३३.५० प्र.घ.मी. असा राहील व तो वेळोवेळी महामंडळाच्या परिपत्रकानुसार सुधारित करणेत येतील.

वरीलप्रमाणे पूर्तता केल्यानंतर, आपण नळजोडणी करीता चिंचोली येथील कार्यालयात संपर्क साधावे. तसेच आपली पाणीपुरवठा करारनाम्याची प्रतसुद्धा या कार्यालयामधून प्राप्त करून घ्यावी.

कळावे

आपला विश्वासू,

उप-अभियंता,
मऔविम, उप विभाग,
सोलापूर.

MIDC NOTIFICATION

जिल्हा सोलापूर, तालुका उत्तर सोलापूर, मोज पाकणी.

गट नंबर	क्षेत्र	गट नंबर	क्षेत्र
	हेक्टर आर		हेक्टर आर
२१३	२६ ८०.०	२०६ पैकी }	
२१४/१	८ ७४.०		५ ००.०
२१४/२	१२ ३२.०	२०९ पैकी }	

चतुःसीमा----

पूर्वेस.—मोजे-कोंडोचि गट नंबर.—१४, १५, १९, २०, २१, ५६, ६२, ६४ पैकी, ६५ पै, ६६ पै, ६७ पै, ६८ पै, ७० पै, ९०, ९३, ९४, ९५, ९८, १०४, १०५, १०६.

पश्चिमेस.—मोजे-चिबोलीचि गट नंबर.—५२, १४८ पै, १५२, १५६, १५७, १५८, १८३, १८४, १८९, १९०, २३० पै, २३१ पै, २३३ पै, व मोजे-सावळेश्वरची शीव.

उत्तरेस.—मोजे-दारफळ व अकोलेची शीव.

दक्षिणेस.—मोजे-चिबोलीचि गट नंबर.—१ पै, ४ पै, ६, ८, १० पै, ११ पै, १२ पै, १३ पै, १७, २२ पै, २३ पै, २५ पै, २८ पै, २९ पै, ३२, ३७, ७० पै, ७१ पै, ७२ पै, ७३ पै. व पुणे-सोलापूर महामार्ग क्रमांक-९.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,

मा. द. सरवणकर,

कार्यान्विन अधिकारी.

INDUSTRIES, ENERGY AND LABOUR DEPARTMENT

Mantralaya, Bombay 400 032, dated the 12th May 1988

MAHARASHTRA INDUSTRIAL DEVELOPMENT ACT, 1961.

229

No. IDC. 2187/(10514)-IND. 14.—In exercise of powers conferred by sub-section (3) of section I of the Maharashtra Industrial Development Act, 1961 (Mah. III of 1962) the Government of Maharashtra hereby appoints 27th May 1988 to be the date from which Chapter VI of the said Act shall

take effect in the area mentioned in the Schedule annexed hereto and declares the said area as industrial area under clause (g) of section 2 of the said Act.

The said area is more clearly defined in red in the maps deposited in the Offices of the Chief Executive Officer, Maharashtra Industrial Development Corporation, Bombay 400 093, and the Special Land Acquisition Officer, Solapur Division, Solapur, District Solapur, and is bounded by the Areas as indicated in the said Schedule.

Schedule

District Solapur, taluka Mohol, village Chincholi.

Gat No.	Area	Gat No.	Area
	H. Ares		H. Ares
1 pt.	7 36.0	50	10 33.0
4 pt.	5 92.0	51/1	2 61.0
5	3 2.0	51/2	10 52.0
9	2 97.0	52	7 61.0
10 pt.	6 56.0	53	10 93.0
11 pt.	1 80.0	54/1	3 75.0
12 pt.	1 92.0	54/2	4 94.0
13 pt.	1 92.0	54/3	1 20.0
14	2 40.0	55	8 34.0
15	2 19.0	56	6 80.0
16	2 28.0	57	6 44.0
22	4 60.0	58	13 17.0
23 pt. 1 to 3	3 40.0	59	1 9.0
25 pt.	7 16.0	60	4 11.0
26	1 97.0	61	1 89.0
27	2 29.0	62	3 46.0
28 pt.	0 80.0	63	4 81.9
29 pt.	0 80.0	64	3 63.0
38	14 2.0	65	4 20.0
39/1 +	13 37.0	66	12 42.4
40	9 56.0	67	5 28.1
41	15 44.0	68/1	1 66.0
42	3 61.0	68/2	1 66.0
43	4 10.0	69	4 17.0
44	5 77.0	70 pt.	3 59.0
45	12 67.0	71 pt.	3 90.0
46	3 85.0	72 pt.	9 39.0
47	3 85.0	73 pt.	11 0.0
48	5 80.0	74	3 97.0
49	5 19.0		

Gat No.	H.	Area Acres	Gat No.	H.	Area Acres
75	3	84-0	108	1	23-0
76	0	41-0	109	0	39-0
77	0	41-0	110	0	43-0
78	0	51-0	111	1	50-0
79	7	49-0	112	1	44-0
80	9	68-0	113	1	35-0
81	0	25-0	114	2	12-0
82	1	23-0	115	1	42-0
83	1	15-0	116/1	0	45-0
84	1	14-0	116/2	0	45-0
85/1	0	4-0	117	2	17-0
85/2	1	49-0	118	0	37-0
86	5	28-0	119	1	81-0
87	2	11-0	120	4	23-0
88	7	74-0	124/1	3	48-0
89	3	67-0	125	0	24-0
90	4	14-0	126/1	2	99-0
91	2	58-0	126/2	2	0-0
92	4	61-0	127	4	62-0
93	3	51-0	128/1	1	60-0
94	2	69-0	128/2	1	83-0
95	10	88-0	128/3	4	45-0
96/1	13	90-0	129/1	11	50-0
96/2	2	2-0	129/2/1	1	14-0
97/1	4	45-0	129/2/2	1	14-0
97/2	2	7-0	129/2/3	1	14-0
97/3	2	7-0	129/2/4	1	13-0
98	9	48-0	129/2/5	1	14-0
99	3	64-0	129/2/6	1	14-0
100	3	5-0	129/2/7	1	14-0
101	1	89-0	130	8	14-0
102	4	35-0	131	5	94-0
103	4	54-3	132	4	93-0
104	2	9-0	133	5	54-0
105	5	88-0	134	7	51-0
106/1	0	38-0	135	14	40-0
106/2	0	34-0	136	0	24-0
106/3	0	33-0	137	7	45-0
106/4	0	33-0	138	4	50-0
107	0	84-0	139	7	5-0
			140	11	7-0

Gat No.	Area H. Ares	Gat No.	Area H. Ares
61	11 84-0	79	3 10-0
62 1B 2 pt.	14 75-0	80 1	5 40-0
72	10 75-0	81	2 3-0
73	11 57-0	82	2 39-0
74	7 15-0	83	2 3-0
75 1	2 95-0	84	2 34-0
75 2	1 75-0	85	4 30-0
75 3	3 53-0	86	4 65-0
76 1	0 81-0	87	3 43-0
76 2	2 18-0	88	14 77-0
77	2 91-0	89	13 13-0
78	3 63-0		

District Solapur, Taluka Umar Solapur, village Pakni.

Gat No.	Area H. Ares	Gat No.	Area H. Ares
213	26 80-0	206 pt.	5 00-00
214 1	8 74-0	209 pt.	
214 2	12 32-0		

Boundaries—

On the East by—Gat Nos. 14, 15, 19, 20, 25, 56, 62, 64 pt., 65 pt., 66 pt., 67 pt., 68 pt., 70 pt., 90, 92, 94, 95, 98, 104, 105, 106, of village Kondi.

On the West by—Gat Nos. 52, 148 pt., 155, 156, 157, 158, 183, 184, 189, 190, 230 pt., 231 pt., 233 pt., of village Chincholi, and Boundary of Village Sawleshawar.

On the North by—Boundary of Villages Darfal and Akole.

On the South by—Gat Nos. 1 pt., 4 pt., 6, 8, 10 pt., 11 pt., 12 pt., 13 pt., 17, 22 pt., 23 pt., 25 pt., 28 pt., 29 pt., 32, 37, 70 pt., 71 pt., 72 pt., and 73 pt., of Village Chincholi and Pune-Solapur National Highway No. 9.

By Order and in the name of the Governor of Maharashtra,

M. D. SARVANKAR.

Desk Officer.

INDUSTRIES, ENERGY AND LABOUR DEPARTMENT

Mantralaya, Bombay 400 032, dated 13th May 1988

MAHARASHTRA INDUSTRIAL DEVELOPMENT ACT, 1961,

No. IDC. 2183/(4885)-IND-14.--In exercise of powers conferred by Sub-Section (3) of Section 1 of the Maharashtra Industrial Development Act, 1961. (Mah. III of 1962), the Government of Maharashtra hereby appoints 27th May 1988, to be the date from which Chapter VI of the said Act shall take effect in the area mentioned in the Schedule annexed hereto and declares the said Area as industrial area under clause (g) of section 2 of the said Act.

The said Area is more clearly defined in red in the maps deposited in the offices of the Chief Executive Officer, Maharashtra Industrial Development Corporation, Bombay 400 093, and the Special Land Acquisition Officer, Aurangabad, District Aurangabad, and is bounded by the areas as indicated in the said schedule.

SCHEDULE

District Aurangabad, taluka Aurangabad, village Waladgaon.

Gat No.	Area Ares	Gat No.	Area Ares
68 pt.	02.0	69 pt.	01.0

Boundaries :

On the North by.—Part of Gat Nos. 70, 71, 76, 77, 78.

On the South by.—Part of Gat Nos. 70, 71, 76, 77, 78 and 81.

On the East by.—Boundary of village Nakashtra wadi.

On the West by.—Aurangabad-Ahmednagar Road.

District Aurangabad, taluka Aurangabad, village Patoda.

Gat No.	Area Ares
16 pt.	07.0

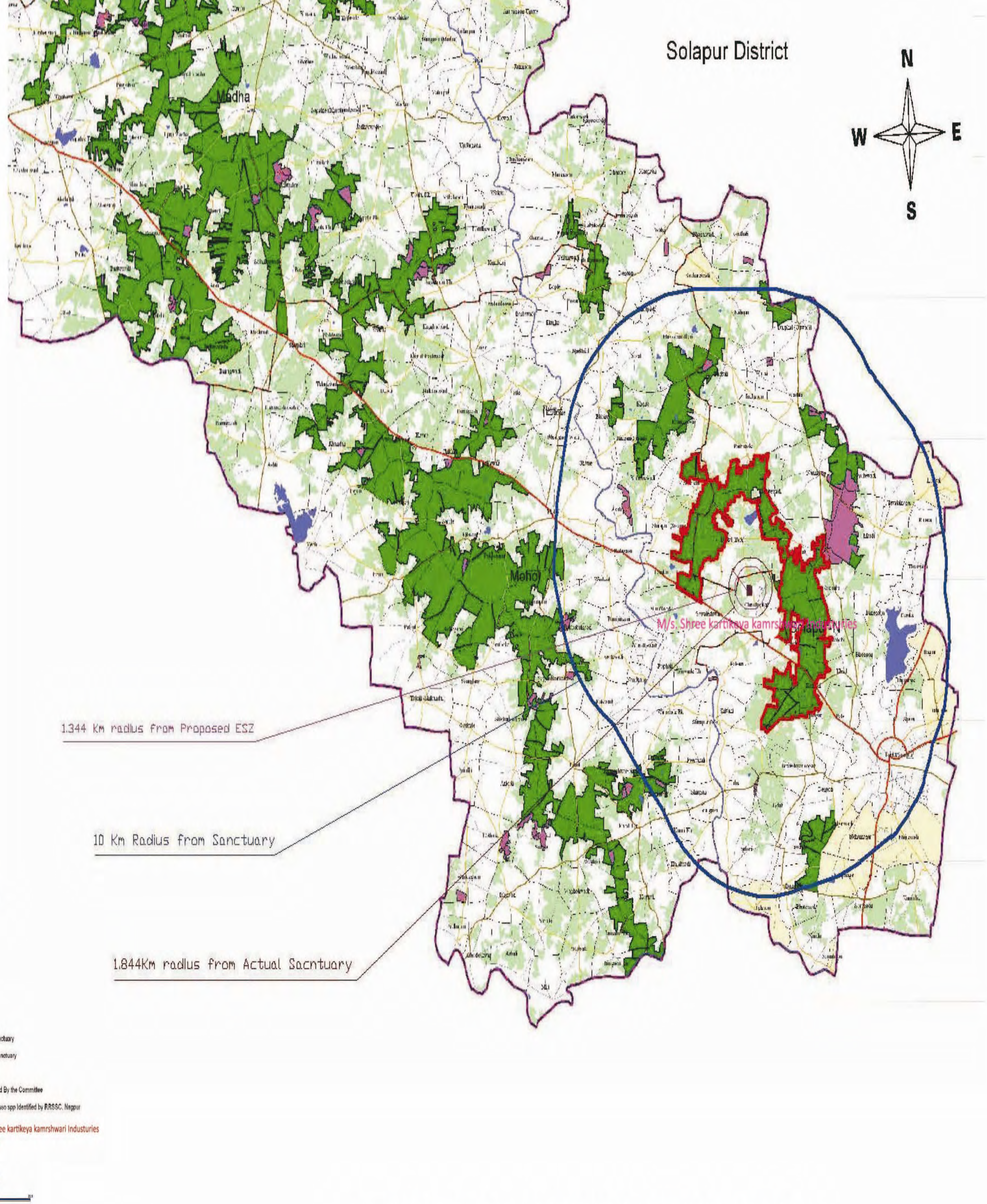
Boundaries :

On the North by.—Part of Gat Nos. 18, 19, 20, 21 and 26.

On the South by.—Part of Gat Nos. 18, 19, 20 and 22.

On the East by.—Boundary of village Valadgaon.

On the West by.—Boundary of village Valadgaon.



Committee on Rationalization of GIB Wildlife Sanctuary in Maharashtra State

Map Prepared by Conservator of Forests (Wildlife), Pune