

BRIEF NOTE ON INDUSTRY- VIRUPAKSHA ORGANICS PVT. LTD, UNIT-II.

1.	a) Name and location details of the project	M/s. VIRUPAKSHA ORGANICS PVT. LTD, UNIT-II Plot No's: 30,31,32,33. Phase-I, IDA, Pashamylaram (V) Patancheru (M), Medak (Dt), Telangana State.			
	b) Address of project proponent for correspondence	Sri M. Bala Subba Reddy Plot No:B-4, IDA, Gandhi Nagar, Hyderabad - 500037, Telangana, India			
2.	Objective of the project	Expansion of Existing Drug Intermediate to Bulk Drug & Intermediates manufacturing unit.			
3.	Project details	Construction of various blocks Production, Stores, QC, Boiler shed, DG set, Utility, Pollution treatment facility, Roads, solvent storage yard, Green belt and others			
4.	Details of the major products manufactured along with by products (Quantity /month)	S. No	Product Name	Quantity Kg/Month	Quantity Kg/Day
		1	Atenolol	3000.00	100.00
		2	Cinnarizine	5000.00	166.67
		3	Cyano diol base	5000.00	166.67
		4	Dextromethorphan Hydrobromide	5000.00	166.67
		5	DFTA(2,4-Difluoro-2-(1h)-1, 2, 4-Triazol-1yl-Acetophenone)	2000.00	66.67
		6	Epoxy Mesylate	4000.00	133.33
		7	Escitalopram Oxalate	1500.00	50.00
		8	Fexofenadine HCl(BCN)	5000.00	166.67
		9	Fexofenadine HCl(MAC)	5000.00	166.67
		10	Fexo Stage-10	5000.00	166.67
		11	Fluconazole	5000.00	166.67
		12	Metoprolol Succinate	10000.00	333.33
		13	Tramadol Base	2000.00	66.67
		14	Tramadol Hydrochloride (MBA)	25000.00	833.33
		15	Tramadol Hydrochloride (MCA)	25000.00	833.33
		16	Tramadol nitrate	5000.00	166.67
			Total	112500.00	3750.00
5.	a) Installed capacity	79.99 TPA (Latest CFO)			
	b) Production at present	As per Consent			
	c) Proposed capacity	1350 TPA			
6.	Status of Organization Government / Semi Government/Public/Private	Private Limited			
7.	Investment(Rs)	Proposed : 20.0 Crores			
8.	Total Labor Force	During construction - 20 During operation - 62			
9.	Nature of land(IDA/Revenue/Others)	IDA land			

10.	Location and land use details of the area with schematic plan	Land will be used for construction of facilities for manufacturing of bulk drug & Intermediates in 3.89 Acres (15757.30 SQM)
11.	Details of the water bodies around the proposed industry within 5 KM Radius (Aerial Distance)	<ul style="list-style-type: none"> • Kotta Cheruvu - 2.25 Kms -NW • Pedda Cheruvu - 2.83 Kms - NE • Lakdaram Cheruvu - 4.51 Kms - S • Nakka Vagu - 4.82 Kms - ENE • Pamula Vagu - 5.23 Kms - ENE • Kishan Sagar - 7.0 Kms -WNW • Chald Cheruvu - 7.46 Kms - WNW • Timmakka Cheruvu - 7.84 Kms - E • ICRISAT Cheruvu - 8.8 Kms - SE • Patan Cheruvuv - 8.8 Kms - NW
12.	Nature of the Soil	Industrial Land
13.	Distance(If within 5 Km (Aerial Distance)) to the nearest <ul style="list-style-type: none"> • National Park • Sanctuary • Heritage sites • Monument • Reserve Forest 	Nil Nil Nil Nil Nil Nil
14.	Greenery plan within industrial premises: Area % of total area	5200.0 SQM 33%
15.	Details of the source of water (Rivers, Lakes, Ground, public supply)	IDA Supply
16.	Water Balance	
	a) Water requirement	188.36 KL/day
	i) Domestic(KL/day)	3.00 KL/day
	ii)Industrial(KL/day) <ul style="list-style-type: none"> • Process • Washings • Boiler • Cooling Tower • DM Plant • Scrubbing System • Gardening 	65.36 KL/day 2.00 KL/day 59.00 KL/day 50.00 KL/day 2.00 KL/day 2.00 KL/day 5.00 KL/day
	b) Waste Water Generated	105.04 KL/ day
	i)Domestic(KL /day)	2.50 KL /day
	ii) Industrial(KL /day) <ul style="list-style-type: none"> • Process • Washings • Boiler • Cooling • DM Plant • Scrubbing System 	77.54 KL/day 2.00 KL/day 9.00 KL/day 10.00 KL/day 2.00 KL/day 2.00 KL/day

	c) Expected quality of waste water	pH- 5.5 to 8.5 TDS-2100 to 70000.00 mg/liter SS - 80-150 COD-1600 to 18000.00 mg/ltr
	d) Effluent treatment proposal	ZLD System
	e) Mode of disposal (Pond / River valley / underground sewer / Irrigation / Ocean / others specify)	No Waste water disposal and it is a Zero Liquid Discharge Plant.
	F) Total area allotted for disposal of waste water	Nil No waste water will be disposed on to the ground. Hence area not allotted
	a) Details of Air pollution Sources	
17.	Process Emissions	Nil
18.	Grinders/Crushers	Nil
19.	Boiler	Likely emissions: SPM <0.27 gm/sec SO ₂ <1.15 gm/sec NO _x <1.54 gm/sec
20.	Power Generation	Nil
21.	b) Details of Control equipment	For stack: Bag Filter will be provided. Height of the chimney will be 30 meters.
22.	a) Details of Solid waste	
	i) Domestic	About 20 Kg/day
	ii) Industrial(Boiler Ash)	About 11750.00Kgs/day
	iii) Hazardous	Inorganic - 646.50Kgs/day, Organic - 2122.00Kgs/day, MEE Salts - 9982.00Kgs/day, Spent Carbon - 366.00Kgs/day, ETP sludge - 100.00Kgs/day.
23.	Ambient Noise level	
	a) Source of noise and Vibrations	DG Set when in operation and motors
	b) Noise and Vibration control measure proposed.	Silencer will be provided and regular maintenance of motors will be followed
24.	Power requirement indicating Source of supply	1000KVA and Public supply
25.	Boiler Details	Existing: 2.0 TPH Coal fired Boiler Proposed: 2 X 4.0 TPH Coal Fired Boiler
26.	DG Set Details	Existing: 380 KVA Proposed: 500 KVA